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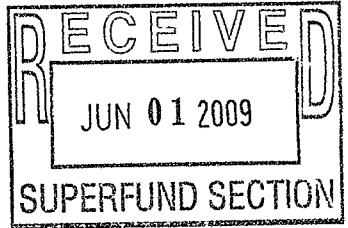
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GROUNDWATER AND SOIL SAMPLING REPORT  
HANCOCK COUNTRY HAMS  
3484 NC HIGHWAY 22 NORTH  
FRANKLINVILLE, NORTH CAROLINA  
INCIDENT # 3700

May 29, 2009

*Facility Owner/Operator, and Land Owner:*

Smithfield Packing Company  
601 North Church Street  
Smithfield, VA 23430  
(757) 356-3131

*Consultant:*

Environmental Alliance, Inc.  
10993 S. Richardson Road, Suite 17  
Ashland, VA 23005  
(804) 752-3558

  
Jason S. Early  
Project Manager

  
Paul C. Miller, NC P.E. #028044  
Principal Engineer



May 29, 2009

- *Engineering*
- *Remediation*
- *Consulting*

Ms. Ruth Debrito  
Smithfield Packing Co., Inc.  
601 North Church Street  
Smithfield, Virginia 23430

**Reference:** **Groundwater Monitoring Report**  
**April 2009**  
**Hancock Country Hams**  
**3484 NC Highway 22 North**  
**Franklinville, North Carolina**  
**Environmental Alliance, Inc. Project # 2719**

Dear Ms. Debrito:

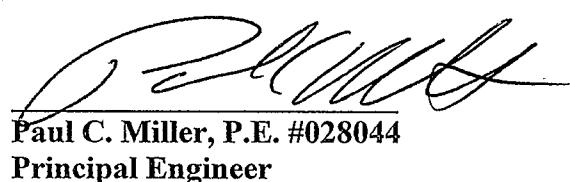
Environmental Alliance, Inc. (Alliance) is pleased to present our report of the surface water and groundwater sampling which took place at the referenced location.

Copies of this report have been forwarded to Mr. Stephen Williams and Mr. John Walch of the North Carolina Department of Environment and Natural Resources (NCDENR), Mr. George House, and Mr. Stanford Baird. If you have any questions or require additional information, please do not hesitate to contact the undersigned at (804) 752-3558.

Sincerely,  
**ENVIRONMENTAL ALLIANCE, INC.**



\_\_\_\_\_  
Jason S. Early  
Project Manager



\_\_\_\_\_  
Paul C. Miller, P.E. #028044  
Principal Engineer

c: Mr. Stanford Baird  
Mr. George House  
Mr. Stephen Williams, NCDENR  
Mr. John Walch, NCDENR

Attachments

**HANCOCK COUNTRY HAMS  
GROUNDWATER SAMPLING REPORT**

**Site Name and Location:** Hancock Country Hams  
3484 NC Highway 22 North  
Franklinville, North Carolina

**Latitude and Longitude:** 35° 46' 49" North; 79° 41' 40" West

**Incident Number:** 3700

**Risk Classification/Reason:** High  
(1) A water supply well used for drinking water is located within 1,000 feet of the source area of a confirmed discharge or release.  
(2) The groundwater within 500 feet of the source area of a confirmed discharge or release has the potential for future use in that there is no source of water supply other than the groundwater.

**Land Use Category:** Commercial/Residential

**UST Owners and Responsible Parties:**

1. Gwaltney of Smithfield Ltd.  
601 North Church Street  
Smithfield, Virginia 23430  
757.356.3131  
Attn. Mr. Rob Bogaard, Vice President of Operations
2. Lance, Inc.  
Post Office Box 32368  
Charlotte, North Carolina 28232  
704.554.1421
3. Ms. Julia Hancock  
3456 NC Hwy 22 N.  
Franklinville, NC 27248

**Current Land Owner:** Smithfield Packing Co., Inc.  
601 North Church Street  
Smithfield, Virginia 23430  
757.356.3131  
Attn. Mr. Rob Bogaard, Vice President of Operations

**Consultant:** Environmental Alliance, Inc.  
10993 S. Richardson Road, Suite 17  
Ashland, VA 23005  
Attn.: Mr. Paul C. Miller, P.E.  
804.752.3558

**Release Information:**

Date Discovered: October 1988  
Cause of Release: USTs in Pit B  
UST(s) Size (gal) and Content:  
1) 1,000 – Gasoline – Pit A  
2) 3,000 – Gasoline – Pit B  
3) 3,000 – Gasoline – Pit B  
4) 1,500 – Gasoline – Pit C

Source of Release: UST System (Pit B)  
Release Amount: Unknown

**Date of Report:** May 29, 2009

Seal and Signature of Certifying Licensed Engineer



Paul C. Miller, P.E.  
NC License No. 028044

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Appendix A NCDENR CAP Approval Letter

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## **1.0 BACKGROUND**

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Environmental Alliance, Inc. (Alliance) has prepared this Groundwater Monitoring Report to document site monitoring activities performed during April 2009 at the former Hancock Country Hams Facility (the site). The site is located on the east side of the NC Hwy 22 approximately three miles south of Grays Chapel, Randolph County, North Carolina (Figure 1). The site is located in a rural, mostly undeveloped, area. The majority of the houses in the area are located along NC Hwy 22, north and south of the site, and along Cedar Forest Road, located approximately a 1/3 mile south of the site.

Westinghouse Environmental Services reported that four USTs were installed at the site in 1971. The tanks consisted of one-1,000 gallon gasoline UST, two-3,000 gallon gasoline USTs (nested together), and one-1,500 gallon gasoline UST. The UST locations are shown in Figure 2. All of the USTs were reportedly removed in 1986. Limited soil analysis data was collected from the UST excavations. Russnow, Kane, and Andrews collected samples from the South Well (SW), Ed Rhodes well (ERW), and the block house well (BHW) in May/June 1988. Contaminants associated with petroleum and chlorides were detected in the groundwater samples. The chloride in the groundwater is believed to be from the ham curing facility which operated at the site from the mid 1950's to the mid 1970's.

In May 1989, Westinghouse Environmental Services (WES) submitted an Initial Site Assessment of the site. This assessment included the drilling of numerous soil test borings, drilling and installation of two monitoring wells and three piezometers, stream sampling, and associated sampling and analyses in the fall of 1988. The site assessment determined the location of contaminated soil and began to determine the extent of groundwater contamination. The assessment confirmed that petroleum and chloride contamination was present in the bedrock aquifer. Chlorides below the State's water quality standards (NCAC 2B) have been detected in the creek east of the site. Also during the assessment, WES removed and treated approximately 700 cubic yards of petroleum contaminated soil from the UST Pit B area.

In early 1991, Charles T. Main (CTM) was contracted to develop a remedial action plan (RAP).

Their plan was submitted to the then North Carolina Department of Environment, Health, and Natural Resources (NC DEHNR) Groundwater Section Regional Office in Winston-Salem, North Carolina on April 17, 1991. The NC DEHNR is currently the Department of Environment and Natural Resources (DENR) and will be referred to in that way in this report. The NCDENR requested additional information, and a supplemental RAP was submitted to the NCDENR on September 27, 1991. Both RAPs proposed using a pump and treat system to remediate the groundwater. The groundwater was to be pumped from seven recovery wells, treated, and discharged under an Individual NPDES permit. CTM recommended that the chloride contaminated soil be allowed to naturally remediate over time. Because of difficulties in obtaining access to discharge the effluent, in 1996, Smithfield Foods requested that the NCDENR allow the groundwater and soil be remediated through a process of natural attenuation. Following this request, on August 26, 1996, the NCDENR requested additional assessment of the site. In March 1998, a Groundwater Monitoring Report with updated sampling data was sent to the NCDENR. Upon review of the monitoring report, on May 20, 1998 the NCDENR requested additional investigation of the bedrock aquifer. A follow-up report was issued on August 23, 1999.

On October 11, 2002, the NCDENR sent Smithfield Foods a Notice of Regulatory Requirements requiring the submittal of a corrective action plan (CAP) to treat the petroleum contaminated soil and groundwater. Because chloride contaminated groundwater is commingled with the petroleum contamination, the CAP addressed both contaminants. On December 20, 2002 the CAP was submitted to NCDENR by Trigon Engineering Consultants (now Trigon/Kleinfelder). The CAP called for additional soil sampling in the UST B area, with excavation and disposal of any remaining contaminated soil. Groundwater contamination would be addressed with a pump and treat system incorporating an air stripper to treat the petroleum contamination and a reverse osmosis (RO) system to deal with elevated chloride concentrations. The December 2002 CAP was developed under tight time constraints and was, thus, based on the data from the 1999 sampling events. The CAP called for a new round of sampling and re-evaluation of the CAP requirements based on the analytical results.

Groundwater sampling of the recovery wells, monitoring wells, water wells and stream, and soil

sampling of the UST B pit area and the salt disposal area was conducted on June 12 and 13, 2003. The results of the sampling was reported to NCDENR in an October 3, 2003 Groundwater and Soil Sampling Report. On March 30, 2003 a meeting was held at the site between Smithfield Foods, Mr. Stephen Williams of NCDENR and Trigon/Kleinfelder. Based on the preliminary June 2003 sampling results and a review of the site conditions, NCDENR agreed to consider modifying the December 2002 CAP to allow remediation of remaining contamination at the site by monitored natural attenuation. The modified conditions were to be allowed only if continued monitoring indicated that the contaminant plume was stable or improving. Groundwater sampling of the recovery wells, monitoring wells, water wells and the stream conducted on October 8, 2003 confirmed that both the BTEX and chloride plumes were stable and that natural attenuation of petroleum and chloride contamination in the groundwater may be occurring.

Following a review of the groundwater sampling data from the October 2003 sampling event, the NCDENR approved Smithfield's request on November 20, 2003 to modify the December 2002 CAP to provide for natural attenuation. On February 3, 2004, Trigon/Kleinfelder submitted a CAP to modify the December 2002 CAP, which will allow the existing petroleum and chloride contaminants in the site soil and groundwater to naturally attenuate. The February 3, 2004 natural attenuation CAP was approved by the NCDENR on March 16, 2004.

## **2.0 PURPOSE**

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The February 2004 modified CAP recommended quarterly sampling of the stream, recovery and monitoring wells, and nearby water wells to monitor the size and shape of the petroleum hydrocarbon plume, and annual monitoring of the soil in the brine disposal area.

On April 22 and 23, 2009, groundwater, surface water, and soil samples were collected and analyzed to assess the current state; i.e. size and concentrations of the hydrocarbon and chloride plumes. It is the purpose of this report to present the results of the groundwater and surface water sampling conducted at the site on April 22 and 23, 2009.

### **3.0 RECEPTORS**

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A well survey of the area in October 1996 determined that there are approximately nine water supply wells within 1,500 feet of the site (Figure 3) and another seven wells within 1,750 feet of the site. Five of these wells are separated from the site by a stream valley (Figure 4). The names and addresses of water well users within 1,500 feet of the site are shown in Table 1. During the fall of 2007 a public water main was installed along NC Highway 22 to supply a proposed school north of the site. To date, one of the nine homes (Hancock) has been connected to the water system.

The owners of the properties located immediately adjacent to the site are listed in Table 2. Their locations are shown on Figure 3.

The hillside east of the site is dissected by numerous small gullies that feed a wet weather drainage feature located approximately 1,000 feet east of the site. This drainage feature flows into an unnamed tributary to Sandy Creek which is located approximately 1.3 miles east of the site (Figure 1).

## **4.0 METHODS**

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### **4.1 MONITORING AND RECOVERY WELL SAMPLING**

Monitoring wells MW-1S and MW-1D and recovery wells RW-1, RW-2, RW-3, RW-4, RW-5, and RW-7 were sampled on April 21, 2009. RW-6 could not be sampled due to a malfunctioning pump. The pumps for RW-6 and RW-3 are currently being evaluated for repair or replacement by a pump contractor. The locations of the monitoring and recovery wells are shown on Figure 2. The samples were sent to TestAmerica Laboratories in Nashville, Tennessee and analyzed for volatile and aromatic hydrocarbons using EPA Method 602 plus MTBE and DIPE and for chloride using EPA Method 300.0.

Prior to collecting the samples, the water level in each well was measured and recorded and a minimum of three well volumes of water was removed or the well was bailed dry using either a bailer or in place electric pumps. After purging, the monitoring well samples were collected with a new disposable bailer. The recovery well samples were collected from sample ports located at the well head. The samples were collected in laboratory supplied bottles, preserved, and shipped via over night courier under chain-of-custody to TestAmerica Laboratories in Nashville, Tennessee. Purge water was pumped into an on-site tanker truck and hauled to the Smithfield Foods facility in Bladen County, North Carolina.

### **4.2 WATER WELL SAMPLING**

Six water wells were sampled on April 22, 2009. Eight water wells have historically been sampled; however one home (Hancock) has been connected to the public water main as of January 14, 2009. The South Supply Well (SW) was not sampled because the pump for the plant water supply well has been turned off. The Presnell residence well could not be accessed during the sampling event; therefore, no sample was collected from this well in April 2009. The samples were sent to TestAmerica Laboratories and analyzed for volatile and aromatic hydrocarbons using EPA Method 602 plus MTBE and DIPE and for chloride via EPA Method 300.0. The locations of the water wells are shown on Figure 2. Prior to collecting the samples,

the pumps in the water wells were allowed to run for approximately ten minutes to flush the lines and storage tanks. The samples were then collected from an outside faucet as close to the well as possible. The samples were collected in laboratory supplied bottles, preserved, and shipped via over night courier under chain-of-custody to TestAmerica Laboratories.

#### **4.3 STREAM SAMPLING**

The stream located east of the site was sampled on April 21, 2009, at the upper, mid, and lower stream locations (S-1 upper, S-2 mid, and S-3 lower). The samples were sent to TestAmerica Laboratories and analyzed for volatile and aromatic hydrocarbons using EPA Method 602 plus MTBE and DIPE and for chloride via EPA Method 300.0.

#### **4.4 SOIL SAMPLING**

In April 1990 personnel from Charles T. Main collected 39 soil samples from the salt/brine disposal area located behind the facility (Figure 5) for analysis of chlorides. The results of the analysis identified four areas where chloride levels were above 250 ppm. On April 21, 2009, Alliance personnel collected soil samples from the salt/brine disposal area to determine the chloride concentrations. The results of the April 21, 2009 sample analyses are summarized in Table 3. A shallow (1 foot deep) and a deep (4 foot deep) sample were collected at locations SS-1, SS-2, SS-3, and SS-4. The samples were analyzed for chloride via EPA Method 300.0. Each sample was a composite sample made by combining soil from four different borings located approximately five feet apart. The locations of the soil samples are shown in Figure 6. Each sample was collected using a stainless steel hand auger. The samples were placed in a cooler and shipped to TestAmerica Laboratories under chain-of-custody via FedEx courier.

#### **4.5 FIELD MEASUREMENTS**

The static water level in each monitoring and recovery well sampled was measured on April 22, 2009. The water level was measured using an electronic water level meter accurate to 0.01 feet. The water level measurement data are recorded on Table 7.

## **5.0 RESULTS**

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### **5.1 MONITORING WELLS**

Chloride was detected in wells MW-1S and MW-1D above the State's 2L .0202 Standard of 250 ppm. No volatile organic compounds were detected in the samples. The laboratory results are summarized in Table 4 and the complete laboratory reports are included as Appendix B.

### **5.2 RECOVERY WELLS**

The laboratory analysis of the sample from RW-7 detected a concentration of benzene, ethylbenzene and xylenes above the State's 2L .0202 standard. Chloride was detected above the State's 2L .0202 standard in recovery wells RW-1, RW-2, and RW-3. The laboratory results are summarized in Table 4 and the laboratory report is included as Appendix B.

To track petroleum associated contaminant concentrations over time, time-series plots were created for selected wells as for past monitoring reports. Figures 7 and 8 show the benzene concentrations versus time in RW-3 and RW-6, respectively, and Figure 9 shows the benzene, ethylbenzene, toluene, and xylenes concentration versus time in RW-7.

### **5.3 WATER SUPPLY WELLS**

No volatile organic compounds were detected in any of the water well samples. Chloride was detected in all the sampled water wells below the State's standard. The laboratory results are summarized in Table 5 and the laboratory report is included as Appendix B.

To track the petroleum associated contaminant concentrations over time, time-series plots were created for selected wells as for past monitoring reports. Figures 10, 11, and 12 show the benzene concentrations versus time in the South well (SW), Ed Rhodes well (ERW), and Hancock well (6), respectively.

## **5.4 STREAM SAMPLES**

No volatile organic compounds were detected in any of the stream samples. Chloride concentrations were not detected above the 2L Standard in any of the stream samples, and have not been detected above the 2L Standard in the stream for more than ten years. The laboratory results are summarized in Table 6 and the laboratory report is included as Appendix B.

## **5.5 GROUNDWATER FLOW DIRECTION**

The groundwater measurements collected in April 22, 2009 were used to prepare a groundwater surface contour map (Figure 13). The data shows groundwater in both the residuum and bedrock are moving generally to the southeast toward the stream. The water level data are summarized in Table 7.

## **5.6 PLUME GEOMETRY**

Based on the data collected during the April 2009 sampling event, chloride is concentrated in the area immediately behind (east-southeast of) the plant (MW-1S and RW-3) and along a line extending to the southeast toward the stream (MW-1D). A diffuse plume of chloride extends to the north, southwest, and west of the plant. Chloride results from the April 2009 sampling event are plotted on Figure 14.

Review of historical chloride concentrations from the site monitoring and recovery wells in Table 4 reveals the following general trends. MW-1S and RW-3 have shown a decreasing trend, indicating a reduction in the core of the chloride plume. RW-1 has exhibited an increasing trend, which may be attributed to migration of the plume in the southwest direction. RW-2 has shown a slight decreasing trend over the last several years. Wells MW-1D, RW-5, are RW-6 show a generally stable concentration curve with no easily-recognizable trend. RW-4 and RW-7 also exhibit a generally stable trend but with a slight decrease over time. With the exception of the Hancock well, which is no longer sampled since this property is now hooked up to public water, all of the residential wells have remained below the 2L standard since March 2007.

The petroleum release reportedly occurred in the area of UST Pit B. A BTEX plume appears to be isolated generally to the RW-7 area, although the previous sampling event in January 2009 indicated the presence of BTEX compounds in RW-3 also (RW-3 was non-detect for all BTEX compounds in April 2009). Based on stream sampling data, the BTEX plume does not reach the creek southeast of the site. The current locations of the benzene, ethylbenzene, toluene, and xylenes plumes are shown on Figure 14.

### **5.7 SOIL SAMPLES**

Concentrations of chloride in the soil samples collected in April 2009 ranged from below detection limits in the 1-foot samples from SS-3 and SS-4 to 211 mg/kg in the 4-foot sample from SS-1. Chloride concentrations in SS-1 were higher than in the previous soil sampling event from January 2008. Chloride concentrations at all other sampling locations, however, were lower than in the previous event in January 2008.

## **6.0 CONCLUSIONS**

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Based on the results of the April 2009 monitoring at the site, the following conclusions can be drawn:

1. No petroleum hydrocarbons were detected in the samples collected from the nearby water supply wells during this sampling event at concentrations above the 2L Standard. Hydrocarbons associated with the UST release have consistently been detected in RW-3, RW-6, and RW-7. The concentrations of hydrocarbons in RW-3 have generally decreased over the historical period of monitoring, although they exhibited some rebound in 2008. During the April 2009 sampling event, RW-3 was non-detect for all analyzed hydrocarbons. The concentrations of benzene, ethylbenzene, toluene, and xylenes (BTEX) have consistently been the highest in RW-7 and have been gradually declining during the last four years with some fluctuations within approximately the last year.
2. The shallow residuum and deep bedrock aquifers are contaminated with chlorides. All the water wells sampled in the immediate area have detectable concentrations of chlorides, but none exceeded the 2L Standard. Samples from the Hancock well consistently had concentrations of chlorides above the State's 2L Standard of 250 ppm. However, this residence has been connected to the public water supply and is no longer sampled. The concentrations of chlorides in the samples have remained fairly constant over the sampling history at the site.
3. The concentration of chloride in all the shallow soil samples has remained below a concentration of 250 ppm for the last four years. Although it is difficult to detect a trend in the soil chloride concentrations using annual data, significant reductions in chloride at SS-2, SS-3, and SS-4 suggest that the chloride may be slowly flushed out of the soil in these areas by recharge from infiltrating precipitation.
4. All the residences within 1,000 feet of the site have had point-of-use reverse osmosis systems installed at the kitchen sink. In addition, a point-of-entry carbon adsorption

system was installed at the Hancock residence. As a result, there is a limited risk of exposure to hydrocarbons or chloride for people in the area. The systems are maintained on a quarterly basis. However, some residents do not always allow access to their home. The treatment systems have been removed from the Hancock residence since it was connected to the public water supply.

## **7.0 RECOMMENDATIONS**

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Since concentrations of BTEX compounds and chloride continue to exist in site monitoring and recovery wells above the respective 2L standards, continued monitoring as specified in the February 2008 Corrective Action Plan (Table 8) is recommended. Once the nearby residences have been connected to the public water system thereby eliminating potential exposure, Alliance recommends asking NCDENR to reevaluate the incident and to adopt alternate standards for the site.

## TABLES

**TABLE 1: PROPERTIES WITHIN 1,500 FEET OF THE SITE WITH WATER WELLS**

Parcel ID No.	Property Owner	Property Address
7794400682	Sherry J. Norman	3575 NC Hwy 22N, Franklinville, NC 27248
7794403084	William E. & Jane P. Rhodes	3520 NC Hwy 22 N., Franklinville, NC 27248
7794308034	Joseph & Ann Sue Beal	3511 NC Hwy 22 N., Franklinville, NC 27248
7793491793	Hancock Old Fashion Ctry Ham	3482 NC Hwy 22N., Franklinville, NC 27248
7793491252	Julia S. Hancock	3456 NC Hwy 22 N., Franklinville, NC 27248
7793395540	Wilbert L. Hancock	1716 Academy Rd. Ext., Franklinville, NC 27248
7793394490	Terry Wesley	P. O. Box 1300, Ramseur, NC 27316
7793393252	Raymond Jester, Jr.	3419 NC Hwy 22 N., Franklinville, NC 27248
7793392064	Peggy J. Brown	3399 NC Hwy 22N., Franklinville, NC 27248
7793381857	James T. & Charlotte Kivett	3367 NC Hwy 22 N., Franklinville, NC 27248
7793582180	Richard Wallace	3519 Cedar Forest Rd, Franklinville, Nc 27248
7793580431	Irene C. Garrett	3521 Cedar Forest Rd, Franklinville, NC 27248
7793487411	Steven E. & Loretta Thompson	3505 Cedar Forest Rd, Franklinville, NC 27248

Note: Locations shown on Figure 3.

*Ms. Ruth Debrito, Smithfield Foods, Inc.  
Hancock Country Hams, Franklinville, North Carolina*

**TABLE 2: ADJACENT PROPERTY OWNERS**

Parcel ID No.	Property Owner	Property Address
7794403084	William E. & Jane P. Rhodes	3520 NC Hwy 22 N., Franklinville, NC 27248
7794308034	Joseph & Anne Sue Bcal	3511 NC Hwy 22 N., Franklinville, NC 27248
7793491252	Julia S. Hancock	3456 NC Hwy 22 N., Franklinville, NC 27248
7793593950	George H. & Barbara Poe	3862 HardinEllison Rd., Franklinville, NC 27248
7793597552	Mark A. & Marcia Coponen	3896 HardinEllison Rd., Franklinville, NC 27248
7793395540	Wilbert L. Hancock	1716 Academy Rd. Ext., Franklinville, NC 27248

Note: Locations shown on Figure 3.

Ms. Ruth Debrito, Smithfield Foods, Inc.  
Hancock Country Hams, Franklinville, North Carolina

TABLE 3: SOIL SAMPLE RESULTS : CHLORIDE

Depth in Feet	Location																			
	SS-1					SS-2					SS-3					SS-4				
	7/22/04	8/23/05	6/20/06	1/24/08 <sup>1</sup>	4/21/09	7/22/04	8/23/05	6/20/06	1/24/08 <sup>1</sup>	4/21/09	7/22/04	8/23/05	6/20/06	1/24/08 <sup>1</sup>	4/21/09	7/22/04	8/23/05	6/20/06	1/24/08 <sup>1</sup>	4/21/09
1.0	3.6	18.8	103.0	7.8	47.1	217	29	BDL	53	19.5	80.5	23.9	65.1	23.1	BDL	8.2	35.2	45.6	6.9	BDL
4.0	3.3	18.3	NS	1.5	211	3,320	NS	NS	146.0	32.7	670	12	NS	158.0	37	3.6	325.0	NS	429.0	19.4

Notes:

Results shown in parts per million

NS - Not Sampled

BDL = Below detection limit

TABLE 4: HISTORICAL MONITORING AND RECOVERY WELL SAMPLE RESULTS

Compound/Analysis	Benzene	Ethylbenzene	Toluene	Total Xylenes	Total BTEX	MTBE	DIPE	1,2-DCB	1,3-DCB	1,4-DCB	EDB	Method 601	Lead	Chloride
2L Standards	1	29	1,000	530	—	200	70	24	170	1.4	4 x 10 <sup>-3</sup>	—	15	250
Monitoring Wells														
<b>MW-1S</b>														
10/23/88	BQL	BQL	BQL	BQL	—	NA	NA	NA	NA	NA	NA	NA	NA	NA
11/30/88	NA	NA	NA	NA	—	NA	NA	NA	NA	NA	NA	NA	NA	3,800
10/01/96	BQL	BQL	BQL	BQL	—	BQL	BQL	NA	NA	NA	NA	BQL	21.9	9,844
02/17/98	BQL	BQL	BQL	BQL	—	BQL	BQL	NA	NA	NA	NA	NA	6.53	4,590
06/12/03	BQL	BQL	1.9	BQL	1.9	BQL	BQL	NA	NA	NA	BQL	BQL	12.4	3,150
10/08/03	BQL	BQL	BQL	BQL	—	BQL	BQL	NA	NA	NA	NA	NA	BQL	3,200
01/08/04	BQL	BQL	BQL	BQL	—	BQL	BQL	NA	NA	NA	NA	NA	BQL	2,710
04/07/04	BQL	BQL	BQL	BQL	—	BQL	BQL	NA	NA	NA	NA	NA	BQL	2,800
07/20/04	BQL	BQL	BQL	BQL	—	BQL	BQL	NA	NA	NA	NA	NA	NA	2,700
12/15/04	BQL	BQL	1.24	BQL	1.24	BQL	BQL	NA	NA	NA	NA	NA	NA	2,351
03/24/05	BQL	BQL	BQL	BQL	—	BQL	BQL	NA	NA	NA	NA	NA	NA	2,620
08/23/05	BQL	BQL	BQL	BQL	—	BQL	BQL	NA	NA	NA	NA	NA	NA	2,210
12/01/05	BQL	BQL	BQL	BQL	—	BQL	BQL	NA	NA	NA	NA	NA	NA	1,990
03/08/06	BQL	BQL	BQL	BQL	—	BQL	BQL	NA	NA	NA	NA	NA	NA	1,700
06/20/06	BQL	BQL	BQL	BQL	—	BQL	BQL	NA	NA	NA	NA	NA	NA	1,541
10/12/06	BQL	BQL	BQL	BQL	—	BQL	BQL	NA	NA	NA	NA	NA	NA	1,662
01/03/07	BQL	BQL	BQL	BQL	—	BQL	BQL	NA	NA	NA	NA	NA	NA	1,496
03/22/07	BQL	BQL	BQL	BQL	—	BQL	BQL	NA	NA	NA	NA	NA	NA	1,346
07/18/07	BQL	BQL	BQL	BQL	—	BQL	BQL	NA	NA	NA	NA	NA	NA	1,362
01/24/08	BQL	BQL	BQL	BQL	—	BQL	BQL	NA	NA	NA	NA	NA	NA	1,440
03/20/08	BQL	BQL	BQL	BQL	—	BQL	BQL	NA	NA	NA	NA	NA	NA	1,362
06/24/08	BQL	BQL	BQL	BQL	—	BQL	BQL	NA	NA	NA	NA	NA	NA	1,680
01/14/09	BQL	BQL	BQL	BQL	—	BQL	BQL	NA	NA	NA	NA	NA	NA	1,040
04/21/09	ND	ND	ND	ND	—	ND	ND	ND	ND	ND	ND	NA	NA	1,110
<b>MW-1D</b>														
11/9-10/88	BQL	BQL	BQL	BQL	—	NA	NA	NA	NA	NA	NA	NA	NA	740
02/29/96	NA	NA	NA	NA	—	NA	NA	NA	NA	NA	NA	NA	NA	1,387
10/11/96	BQL	BQL	BQL	BQL	—	BQL	BQL	NA	NA	NA	NA	BQL	112	1,781
02/19/98	BQL	BQL	BQL	BQL	—	BQL	BQL	NA	NA	NA	BQL	NA	155	851
06/12/03	NS	NS	NS	NS	—	NS	NS	NA	NA	NA	NS	NS	NS	NS
10/08/03	BQL	BQL	BQL	BQL	—	BQL	BQL	NA	NA	NA	BQL	NA	23.5	1,100
01/08/04	BQL	BQL	BQL	BQL	—	BQL	BQL	NA	NA	NA	BQL	NA	BQL	1,080
04/07/04	BQL	BQL	BQL	BQL	—	BQL	BQL	NA	NA	NA	BQL	NA	BQL	1,040
07/20/04	BQL	BQL	BQL	BQL	—	BQL	BQL	NA	NA	NA	BQL	NA	NA	987
12/15/04	BQL	BQL	BQL	BQL	—	BQL	BQL	NA	NA	NA	BQL	NA	NA	1,029
03/24/05	BQL	BQL	BQL	BQL	—	BQL	BQL	NA	NA	NA	BQL	NA	NA	1,150
08/23/05	BQL	BQL	BQL	BQL	—	BQL	BQL	NA	NA	NA	BQL	NA	NA	1,480
12/01/05	BQL	BQL	BQL	BQL	—	BQL	BQL	NA	NA	NA	BQL	NA	NA	1,370
03/08/06	BQL	BQL	BQL	BQL	—	BQL	BQL	NA	NA	NA	BQL	NA	NA	1,200
06/20/06	BQL	BQL	BQL	BQL	—	BQL	BQL	NA	NA	NA	BQL	NA	NA	1,394
10/12/06	BQL	BQL	BQL	BQL	—	BQL	BQL	NA	NA	NA	BQL	NA	NA	1,297
01/03/07	BQL	BQL	BQL	BQL	—	BQL	BQL	NA	NA	NA	BQL	NA	NA	1,449
3/22/07	BQL	BQL	BQL	BQL	—	BQL	BQL	NA	NA	NA	NA	NA	NA	1,104
07/18/07	BQL	BQL	BQL	BQL	—	BQL	BQL	NA	NA	NA	NA	NA	NA	1,329
01/24/08	BQL	BQL	BQL	BQL	—	BQL	BQL	NA	NA	NA	NA	NA	NA	1,000
03/20/08	BQL	BQL	BQL	BQL	—	BQL	BQL	NA	NA	NA	NA	NA	NA	1,220
06/24/08	BQL	BQL	BQL	BQL	—	BQL	BQL	NA	NA	NA	NA	NA	NA	1,320
01/14/09	BQL	BQL	BQL	BQL	—	BQL	BQL	NA	NA	NA	NA	NA	NA	1,010
04/21/09	ND	ND	ND	ND	—	ND	ND	ND	ND	ND	ND	NA	NA	1,380

TABLE 4: HISTORICAL MONITORING AND RECOVERY WELL SAMPLE RESULTS

Compound/Analysis	Benzene	Ethylbenzene	Toluene	Total Xylenes	Total BTEX	MTBE	DIPE	1,2-DCB	1,3-DCB	1,4-DCB	EDB	Method 601	Lead	Chloride
2L Standards	1	29	1,000	530	---	200	70	24	170	1.4	$4 \times 10^{-3}$	—	15	250
Recovery Wells														
RW-1														
05/26/93	NA	NA	NA	NA	—	NA	NA	NA	NA	NA	NA	03/24/05	NA	473
02/17/98	BQL	BQL	BQL	BQL	—	BQL	20	NA	NA	NA	BQL	08/23/05	23	284
03/23/99	BQL	BQL	BQL	BQL	—	BQL	13	NA	NA	NA	NA	12/01/05	NA	492
06/12/03	BQL	BQL	BQL	BQL	—	BQL	2.7	NA	NA	NA	BQL	03/08/06	NA	553
10/08/03	BQL	BQL	BQL	BQL	—	BQL	1	NA	NA	NA	NA	06/20/06	NA	550
01/08/04	BQL	BQL	BQL	BQL	—	BQL	BQL	NA	NA	NA	NA	BQL	NA	525
04/07/04	BQL	BQL	BQL	BQL	—	BQL	1.9	NA	NA	NA	NA	BQL	NA	612
07/20/04	BQL	BQL	BQL	BQL	—	BQL	BQL	NA	NA	NA	NA	BQL	NA	643
12/15/04	BQL	BQL	BQL	BQL	—	BQL	1.07	NA	NA	NA	NA	BQL	NA	594
10/12/06	BQL	BQL	BQL	BQL	—	BQL	BQL	NA	NA	NA	NA	NA	NA	486
01/03/07	BQL	BQL	BQL	BQL	—	BQL	BQL	NA	NA	NA	NA	NA	NA	665
03/22/07	BQL	BQL	BQL	BQL	—	BQL	BQL	NA	NA	NA	NA	NA	NA	308
07/18/07	BQL	BQL	BQL	BQL	—	BQL	BQL	NA	NA	NA	NA	NA	NA	704
01/24/08	BQL	BQL	BQL	BQL	—	BQL	BQL	NA	NA	NA	NA	NA	NA	692
03/20/08	BQL	BQL	BQL	BQL	—	BQL	BQL	NA	NA	NA	NA	NA	NA	670
06/24/08	BQL	BQL	BQL	BQL	—	BQL	BQL	NA	NA	NA	NA	NA	NA	753
01/14/09	BQL	BQL	BQL	BQL	—	BQL	BQL	NA	NA	NA	NA	NA	NA	711
04/22/09	ND	ND	ND	ND	—	ND	ND	ND	ND	ND	NA	NA	NA	800
RW-2														
05/26/93	BQL	BQL	BQL	BQL	—	BQL	NA	NA	NA	NA	NA	NA	NA	429
02/17/98	BQL	BQL	BQL	BQL	—	BQL	22	NA	NA	NA	BQL	BQL	16.8	255
03/23/99	BQL	BQL	BQL	BQL	—	BQL	12	NA	NA	NA	NA	NA	NA	419
06/12/03	1.2	BQL	1.1	BQL	2.3	BQL	BQL	NA	NA	NA	BQL	BQL	5.48	575
10/08/03	BQL	BQL	BQL	BQL	—	BQL	1.3	NA	NA	NA	NA	NA	BQL	370
01/08/04	BQL	BQL	BQL	BQL	—	BQL	BQL	NA	NA	NA	NA	NA	BQL	765
04/07/04	BQL	BQL	BQL	BQL	—	BQL	BQL	NA	NA	NA	NA	NA	BQL	627
12/15/04	BQL	BQL	BQL	BQL	—	BQL	BQL	NA	NA	NA	NA	NA	NA	755
03/24/05	BQL	BQL	BQL	BQL	—	BQL	BQL	NA	NA	NA	NA	NA	NA	773
08/23/05	BQL	BQL	I.51	BQL	1.51	BQL	BQL	NA	NA	NA	NA	NA	NA	659
12/01/05	BQL	BQL	BQL	BQL	—	BQL	BQL	NA	NA	NA	NA	NA	NA	783
03/08/06	BQL	BQL	BQL	BQL	—	BQL	1.7	NA	NA	NA	NA	NA	NA	560
06/20/06	BQL	BQL	BQL	BQL	—	BQL	2.3	NA	NA	NA	NA	NA	NA	783
10/12/06	BQL	BQL	BQL	BQL	—	BQL	1.95	NA	NA	NA	NA	NA	NA	519
01/03/07	BQL	BQL	BQL	BQL	—	BQL	1.77	NA	NA	NA	NA	NA	NA	641
03/22/07	BQL	BQL	BQL	BQL	—	BQL	2.32	NA	NA	NA	NA	NA	NA	445
07/18/07	BQL	BQL	BQL	BQL	—	BQL	BQL	NA	NA	NA	BQL	BQL	NA	440
01/24/08	BQL	BQL	BQL	BQL	—	BQL	2.15	NA	NA	NA	NA	NA	NA	498
03/20/08	BQL	BQL	BQL	BQL	—	2	1.07	NA	NA	NA	NA	NA	NA	656
06/24/08	BQL	BQL	BQL	BQL	—	BQL	1.62	NA	NA	NA	NA	NA	NA	420
01/14/09	BQL	BQL	BQL	BQL	—	BQL	2.27	ND	ND	ND	NA	NA	NA	472
04/22/09	ND	ND	ND	ND	—	ND	ND	ND	ND	ND	NA	NA	NA	528

TABLE 4: HISTORICAL MONITORING AND RECOVERY WELL SAMPLE RESULTS

Compound/Analysis	Benzene	Ethylbenzene	Toluene	Total Xylenes	Total BTEX	MTBE	DIPE	1,2-DCB	1,3-DCB	1,4-DCB	EDB	Method 601	Lead	Chloride
2L Standards	1	29	1,000	530	—	200	70	24	170	1.4	4 x 10 <sup>-9</sup>	—	15	250
<b>RW-3</b>														
05/26/93	NA	NA	NA	NA	—	NA	NA	NA	NA	NA	NA	NA	NA	1,219
03/17/98	NA	NA	NA	NA	—	NA	NA	NA	NA	NA	NA	NA	NA	4,250
02/17/98	190	BQL	32	BQL	222	BQL	22	NA	NA	NA	BQL	BQL	29.9	3,800
10/20/12	43	BQL	20	16	79	BQL	9	NA	NA	NA	NA	NA	NA	NA
10/20/13	66	BQL	27	23	116	BQL	17	NA	NA	NA	NA	NA	NA	4,250
10/20/14	180	BQL	65	74	319	BQL	21	NA	NA	NA	NA	NA	NA	6,400
03/23/99	85	BQL	12	BQL	97	BQL	32	NA	NA	NA	NA	NA	NA	3,423
06/12/03	45	BQL	160	219	424.00	BQL	16	NA	NA	NA	BQL	BQL	5.45	4,230
10/08/03	99	84	300	560	1,043.00	BQL	79	NA	NA	NA	NA	NA	BQL	3,800
01/08/04	110	20	99	360	589.00	BQL	30	NA	NA	NA	NA	NA	BQL	4,210
04/07/04	130	18	480	650	1,278.00	BQL	91	NA	NA	NA	NA	NA	BQL	4,850
07/20/04	74.9	67	137	253.8	532.70	BQL	BQL	NA	NA	NA	NA	NA	NA	2,720
12/15/04	41.6	10.8	34	68.7	155.10	BQL	13.8	NA	NA	NA	NA	NA	NA	3,705
03/24/05	85.2	37.7	270	226	618.90	BQL	BQL	NA	NA	NA	NA	NA	NA	4,010
08/23/05	63.2	43.4	61.4	34.9	202.90	8	3.89	NA	NA	NA	NA	NA	NA	3,290
12/01/05	54.7	7.25	BQL	26.8	88.75	BQL	12.2	NA	NA	NA	NA	NA	NA	4,600
03/08/06	17	2.6	12	11	42.60	BQL	7	NA	NA	NA	NA	NA	NA	4,400
06/20/06	NS	NS	NS	NS	—	NS	NS	NA	NA	NS	NS	NS	NS	NS
10/12/06	NS	NS	NS	NS	—	NS	NS	NA	NA	NS	NS	NS	NS	NS
01/03/07	2	BQL	12	4	18	BQL	BQL	NA	NA	NA	NA	NA	NA	1,758
03/22/07	6.24	1.90	14.30	16.94	39.38	3.33	6.03	NA	NA	NA	NA	NA	NA	3,261
07/18/07	39.70	20.10	69.80	84.60	214.20	BQL	3.05	NA	NA	NA	NA	NA	NA	3,767
01/24/08	7.35	BQL	3.19	3.81	14.35	BQL	5.24	NA	NA	NA	NA	NA	NA	2,940
03/20/08	8.13	2.78	5.37	13.08	29.36	BQL	7.01	NA	NA	NA	NA	NA	NA	2,730
06/24/08	3.36	BQL	3.11	2.99	9.46	BQL	6.08	NA	NA	NA	NA	NA	NA	2,690
01/14/09	2.87	1.70	4.33	10.86	19.76	BQL	5.93	NA	NA	NA	NA	NA	NA	1,230
04/22/09	ND	ND	ND	ND	—	ND	ND	ND	ND	ND	NA	NA	NA	873
<b>RW-4</b>														
05/26/93	BQL	BQL	BQL	BQL	—	BQL	NA	NA	NA	NA	NA	NA	NA	457
02/17/98	BQL	BQL	BQL	BQL	—	BQL	1	NA	NA	NA	BQL	BQL	30.8	226
03/23/99	BQL	BQL	BQL	BQL	—	BQL	5	NA	NA	NA	NA	NA	NA	410
06/12/03	BQL	BQL	BQL	BQL	—	BQL	1.7	NA	NA	NA	BQL	BQL	BQL	368
10/08/03	BQL	BQL	BQL	BQL	—	BQL	2.8	NA	NA	NA	NA	NA	BQL	400
01/08/04	BQL	BQL	BQL	BQL	—	BQL	2.2	NA	NA	NA	NA	NA	BQL	304
04/07/04	BQL	BQL	BQL	BQL	—	BQL	2.3	NA	NA	NA	NA	NA	BQL	323
07/20/04	BQL	BQL	BQL	BQL	—	BQL	1.9	NA	NA	NA	NA	NA	NA	277
12/15/04	BQL	BQL	BQL	BQL	—	BQL	2.05	NA	NA	NA	NA	NA	NA	271
03/24/05	BQL	BQL	BQL	BQL	—	BQL	2.33	NA	NA	NA	NA	NA	NA	249
08/23/05	BQL	BQL	BQL	BQL	—	BQL	1.81	NA	NA	NA	NA	NA	NA	228
12/01/05	BQL	BQL	BQL	BQL	—	BQL	1.13	NA	NA	NA	NA	NA	NA	220
03/08/06	BQL	BQL	BQL	BQL	—	BQL	1	NA	NA	NA	NA	NA	NA	120
06/20/06	BQL	BQL	BQL	BQL	—	BQL	1.65	NA	NA	NA	NA	NA	NA	218
10/12/06	BQL	BQL	BQL	BQL	—	BQL	1.57	NA	NA	NA	NA	NA	NA	217
01/03/07	BQL	BQL	BQL	BQL	—	BQL	BQL	NA	NA	NA	NA	NA	NA	428
03/22/07	BQL	BQL	BQL	BQL	—	BQL	1.56	NA	NA	NA	NA	NA	NA	220
07/18/07	BQL	BQL	BQL	BQL	—	BQL	0.04	NA	NA	NA	NA	NA	NA	205
01/24/08	BQL	BQL	BQL	BQL	—	BQL	1.49	NA	NA	NA	NA	NA	NA	172
03/20/08	BQL	BQL	BQL	BQL	—	BQL	1.74	NA	NA	NA	NA	NA	NA	175
06/24/08	BQL	BQL	BQL	BQL	—	BQL	BQL	NA	NA	NA	NA	NA	NA	182
01/14/09	BQL	BQL	BQL	BQL	—	BQL	1.37	NA	NA	NA	NA	NA	NA	190
04/22/09	ND	ND	ND	ND	—	ND	ND	ND	ND	ND	NA	NA	NA	209

TABLE 4: HISTORICAL MONITORING AND RECOVERY WELL SAMPLE RESULTS

Compound/Analysis	Benzene	Ethylbenzene	Toluene	Total Xylenes	Total BTEX	MTBE	DIPE	1,2-DCB	1,3-DCB	1,4-DCB	EDB	Method 601	Lead	Chloride
2L Standards	1	29	1,000	530	—	200	70	24	170	1.4	$4 \times 10^{-3}$	---	15	250
<b>RW-5</b>														
05/26/93	BQL	BQL	BQL	BQL	—	BQL	NA	NA	NA	NA	NA	NA	NA	428
02/17/98	BQL	BQL	BQL	BQL	—	BQL	BQL	NA	NA	NA	BQL	BQL	47.9	316
03/23/99	1	BQL	BQL	BQL	1	BQL	BQL	NA	NA	NA	NA	NA	NA	386
06/12/03	BQL	BQL	BQL	BQL	—	BQL	BQL	NA	NA	NA	BQL	BQL	BOL	282
10/08/03	BQL	BQL	BQL	BQL	—	BQL	BQL	NA	NA	NA	NA	NA	BQL	340
01/08/04	BQL	BQL	BQL	BQL	—	BQL	BQL	NA	NA	NA	NA	NA	5.72	324
04/07/04	BQL	BQL	BQL	BQL	—	BQL	BQL	NA	NA	NA	NA	NA	BQL	338
07/20/04	BQL	BQL	BQL	BQL	—	BQL	BQL	NA	NA	NA	NA	NA	NA	315
12/15/04	BQL	BQL	BQL	BQL	—	BQL	BQL	NA	NA	NA	NA	NA	NA	347
03/24/05	BQL	BQL	BQL	BQL	—	BQL	2	NA	NA	NA	NA	NA	NA	345
08/23/05	BQL	BQL	BQL	BQL	—	BQL	BQL	NA	NA	NA	NA	NA	NA	354
12/01/05	BQL	BQL	BQL	BQL	—	BQL	BQL	NA	NA	NA	NA	NA	NA	329
03/08/06	BQL	BQL	BQL	BQL	—	BQL	BQL	NA	NA	NA	NA	NA	NA	150
06/20/06	NS	NS	NS	NS	—	NS	NS	NS	NS	NS	NS	NS	NS	NS
10/12/06	NS	NS	NS	NS	—	NS	NS	NS	NS	NS	NS	NS	NS	NS
01/03/07	BQL	BQL	BQL	BQL	—	BQL	BQL	NA	NA	NA	NA	NA	NA	404
03/22/07	NS	NS	NS	NS	—	NS	NS	NS	NS	NS	NS	NS	NS	NS
07/18/07	BQL	BQL	BQL	BQL	—	BQL	BQL	NA	NA	NA	NA	NA	NA	298
01/24/08	NS	NS	NS	NS	—	NS	NS	NS	NS	NS	NS	NS	NS	NS
03/20/08	BQL	BQL	BQL	BQL	—	BQL	1.75	NA	NA	NA	NA	NA	NA	191
06/24/08	BQL	BQL	BQL	BQL	—	BQL	BQL	NA	NA	NA	NA	NA	NA	222
01/14/09	BQL	BQL	BQL	BQL	—	BQL	BQL	NA	NA	NA	NA	NA	NA	226
04/22/09†	ND	ND	ND	ND	—	ND	ND	ND	ND	ND	NA	NA	NA	244
<b>RW-6</b>														
05/26/88	252.18	NA	12.34	236.09	500.61	NA	NA	NA	NA	NA	NA	NA	NA	144/865
10/01/88	980	BQL	94	69	1,143	NA	NA	NA	NA	NA	NA	NA	NA	800
05/26/93	574	BQL	41	44	659	27	NA	NA	NA	NA	NA	NA	NA	245
02/17/98	55	15	56	36	162	BQL	15	NA	NA	NA	BQL	BQL	BQL	301
10/21/98	BQL	BQL	BQL	BQL	—	BQL	8	NA	NA	NA	NA	NA	NA	615
03/23/99	5	BQL	BQL	BQL	5	BQL	9	NA	NA	NA	NA	NA	NA	599
06/12/03	84	36	210	310	640	BQL	12	NA	NA	NA	BQL	BQL	BQL	521
10/08/03	76	52	220	380	728	BQL	23	NA	NA	NA	NA	NA	NA	12
01/08/04	51	40	170	310	571	BQL	32	NA	NA	NA	NA	NA	BQL	223
04/07/04	38	24	120	184	366	BQL	10	NA	NA	NA	NA	NA	BQL	275
07/20/04	41	327	141	226	735	BQL	12	NA	NA	NA	NA	NA	NA	219
12/15/04	33.4	20.8	110	160.5	324.7	BQL	7.5	NA	NA	NA	NA	NA	NA	190
03/24/05	25.7	17.9	80.7	129.4	253.7	BQL	6.05	NA	NA	NA	NA	NA	NA	195
08/23/05	35.8	23.4	124	182.7	365.9	BQL	5.82	NA	NA	NA	NA	NA	NA	167
12/01/05	31.7	15.7	117	147	311.4	BQL	5.98	NA	NA	NA	NA	NA	NA	185
03/08/06	31	20	110	160	321	BQL	5.6	NA	NA	NA	NA	NA	NA	120
06/20/06	36.7	23.8	138	203.8	402.3	BQL	12.3	NA	NA	NA	NA	NA	NA	297
10/12/06	30.7	20.5	130	173.8	355	BQL	BQL	NA	NA	NA	NA	NA	NA	212
01/03/07	32	20	139	156	347	BQL	BQL	NA	NA	NA	NA	NA	NA	523
03/22/07	35.6	23.8	127	164.3	350.7	BQL	19.1	NA	NA	NA	NA	NA	NA	212
07/18/07	25.8	16	118	147	306.8	BQL	BQL	NA	NA	NA	NA	NA	NA	161
01/24/08	16.9	9.67	59.2	70.4	156.17	BQL	3.01	NA	NA	NA	NA	NA	NA	180
03/20/08	16	8.46	28.9	45.4	98.76	BQL	6.15	NA	NA	NA	NA	NA	NA	198
06/24/08	13.8	2.65	30.3	40	86.75	BQL	2.65	NA	NA	NA	NA	NA	NA	258
01/14/09	19.4	7.75	72.9	77.6	177.65	BQL	5.06	NA	NA	NA	NA	NA	NA	239
04/22/09†	NS	NS	NS	NS	—	NS	NS	NS	NS	NS	NS	NS	NS	NS

TABLE 4: HISTORICAL MONITORING AND RECOVERY WELL SAMPLE RESULTS

Compound/Analysis	Benzene	Ethylbenzene	Toluene	Total Xylenes	Total BTEX	MTBE	DIPE	1,2-DCB	1,3-DCB	1,4-DCB	EDB	Method 601	Lead	Chloride
2L Standards	1	29	1,000	530	---	200	70	24	170	1.4	$4 \times 10^{-3}$	---	15	250
<b>RW-7</b>														
5/26/93	BQL	BQL	BQL	BQL	—	24	NA	NA	NA	NA	NA	NA	NA	324
3/29/96	NA	NA	NA	NA	---	NA	NA	NA	NA	NA	NA	NA	NA	211
2/17/98	<b>1,100</b>	<b>330</b>	<b>2,400</b>	<b>2,560</b>	<b>6,390</b>	BQL	BQL	NA	NA	0.98	BQL	213	140	
10/21/98	<b>450</b>	<b>350</b>	<b>1,000</b>	<b>1,630</b>	<b>3,430</b>	BQL	<b>83</b>	NA	NA	NA	NA	NA	NA	240
3/23/99	<b>460</b>	<b>130</b>	<b>600</b>	<b>470</b>	<b>1,660</b>	BQL	<b>110</b>	NA	NA	NA	NA	NA	NA	261
6/12/03	<b>440</b>	<b>170</b>	<b>1100</b>	<b>1,960</b>	<b>3,670</b>	BQL	BQL	NA	NA	BQL	BQL	BQL	BQL	293
10/8/03	<b>410</b>	<b>260</b>	<b>790</b>	<b>1,480</b>	<b>2,940</b>	BQL	BQL	NA	NA	BQL	NA	BQL	BQL	350
1/8/04	<b>470</b>	<b>320</b>	<b>990</b>	<b>1,640</b>	<b>3,420</b>	BQL	<b>120</b>	NA	NA	BQL	NA	BQL	BQL	321
4/7/04	<b>390</b>	<b>280</b>	<b>960</b>	<b>1,530</b>	<b>3,160</b>	BQL	<b>62</b>	NA	NA	BQL	NA	BQL	BQL	310
7/20/04	<b>388</b>	<b>269</b>	<b>954</b>	<b>1,477</b>	<b>3,088</b>	BQL	<b>63.2</b>	NA	NA	NA	NA	NA	NA	283
12/15/04	<b>361</b>	<b>322</b>	<b>981</b>	<b>1,354</b>	<b>3,018</b>	BQL	<b>89.9</b>	NA	NA	NA	NA	NA	NA	299
3/24/05	<b>359</b>	<b>289</b>	<b>956</b>	<b>1,517</b>	<b>3,121</b>	BQL	<b>89.9</b>	NA	NA	NA	NA	NA	NA	258
8/23/05	<b>276</b>	<b>222</b>	<b>607</b>	<b>1,597</b>	<b>2,702</b>	BQL	<b>34</b>	NA	NA	NA	NA	NA	NA	261
12/1/05	<b>288</b>	<b>265</b>	<b>770</b>	<b>1,404</b>	<b>2,727</b>	BQL	<b>65.1</b>	NA	NA	NA	NA	NA	NA	287
3/8/06	<b>300</b>	<b>260</b>	<b>800</b>	<b>1,400</b>	<b>2,760</b>	BQL	<b>BQL</b>	NA	NA	NA	NA	NA	NA	140
6/20/06	<b>226</b>	<b>191</b>	<b>505</b>	<b>1,419</b>	<b>2,341</b>	BQL	<b>117</b>	NA	NA	NA	NA	NA	NA	276
10/12/06	<b>201</b>	<b>183</b>	<b>475</b>	<b>1,073</b>	<b>1,932</b>	BQL	<b>BQL</b>	NA	NA	NA	NA	NA	NA	274
1/3/07	<b>263</b>	<b>32.9</b>	<b>584</b>	<b>1,287</b>	<b>2166.9</b>	BQL	<b>BQL</b>	NA	NA	NA	NA	NA	NA	333
3/22/07	<b>218</b>	<b>204</b>	<b>495</b>	<b>1,030</b>	<b>1947</b>	41.3	<b>152</b>	NA	NA	NA	NA	NA	NA	220
7/18/07	<b>205</b>	<b>193</b>	<b>444</b>	<b>1,059</b>	<b>1901</b>	BQL	<b>115</b>	NA	NA	NA	NA	NA	NA	220
1/24/08	<b>162</b>	<b>143</b>	<b>261</b>	<b>867</b>	<b>1433</b>	BQL	<b>27.0</b>	NA	NA	NA	NA	NA	NA	125
3/20/08	<b>167</b>	<b>141</b>	<b>321</b>	<b>872</b>	<b>1501</b>	BQL	<b>68.2</b>	NA	NA	NA	NA	NA	NA	113
6/24/08	<b>164</b>	<b>176</b>	<b>358</b>	<b>978</b>	<b>1676</b>	BQL	<b>BQL</b>	NA	NA	NA	NA	NA	NA	152
1/14/09	<b>174</b>	<b>174</b>	<b>326</b>	<b>972</b>	<b>1646</b>	40.4	<b>80.3</b>	NA	NA	NA	NA	NA	NA	190
04/22/09	<b>230</b>	<b>240</b>	<b>381</b>	<b>715</b>	<b>1566</b>	265	<b>102</b>	ND	ND	ND	NA	NA	NA	209

Notes:

All results in parts per billion (ppb), except chloride which is presented in parts per million (ppm)

Concentrations which exceed the 2L Groundwater Quality Standards are bold

2L Standards - Subchapter 2L Quality Standards for Class GA groundwater

NA - Not analyzed for this compound

PLW - Parking Lot Well

BQL - Below the quantitation limit of the method of analysis

MTBE - Methyl-tert-butyl-ether

DIPE - Diisopropyl Ether

DCB - Dichlorobenzene

NS - Not sampled

ND - Non-detect

Environmental Alliance began sampling in April 2009, all previous samples collected by others

† - Not sampled due to pump malfunctioning

TABLE 5: HISTORICAL WATER WELL SAMPLE RESULTS

Compound/Analysis	Benzene	Ethylbenzene	Toluene	Total Xylenes	Total BTEX	MTBE	DIPE	1,2-DCB	1,3-DCB	1,4-DCB	EDB	Method 601	Lead	Chloride
2L Standards	1	29	1,000	530	--	200	70	24	170	1.4	$4 \times 10^{-4}$	---	15	250
Water Supply Wells														
SW-1														
5/26/1988	BQL	NA	BQL	BQL	--	NA	NA	NA	NA	NA	NA	NA	NA	542
8/30/1988	750	BQL	83	150	983	NA	NA	NA	NA	NA	NA	NA	NA	600
5/20/1993	121	BQL	8	22	151	NA	NA	NA	NA	NA	NA	NA	NA	562
10/1/1996	BQL	BQL	BQL	BQL	--	4	37	NA	NA	NA	NA	BQL	BQL	208
2/17/1998	BQL	BQL	BQL	BQL	--	BQL	22	NA	NA	NA	BQL	BQL	BQL	668
6/12/2003	BQL	BQL	BQL	BQL	--	BQL	11	NA	NA	NA	BQL	BQL	BQL	553
10/8/2003	BQL	BQL	BQL	BQL	--	BQL	4	NA	NA	NA	NA	NA	NA	390
1/8/2004	BQL	BQL	BQL	BQL	--	BQL	3.4	NA	NA	NA	NA	NA	BQL	440
4/7/2004	BQL	BQL	BQL	BQL	--	BQL	6.2	NA	NA	NA	NA	NA	BQL	298
7/20/2004	BQL	BQL	BQL	BQL	--	BQL	1.57	NA	NA	NA	NA	NA	BQL	377
12/15/2004	BQL	BQL	BQL	BQL	--	BQL	4.46	NA	NA	NA	NA	NA	NA	209
3/24/2005	BQL	BQL	BQL	BQL	--	BQL	1.28	NA	NA	NA	NA	NA	NA	353
8/23/2005	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	NA	NA	NA	532
6/20/2006	NS	NS	NS	NS	--	NS	NS	NS	NS	NS	NS	NS	NS	NS
10/12/2006	NS	NS	NS	NS	--	NS	NS	NS	NS	NS	NS	NS	NS	NS
1/5/2007	NS	NS	NS	NS	--	NS	NS	NS	NS	NS	NS	NS	NS	NS
3/22/2007	NS	NS	NS	NS	--	NS	NS	NS	NS	NS	NS	NS	NS	NS
7/18/2007	NS	NS	NS	NS	--	NS	NS	NS	NS	NS	NS	NS	NS	NS
1/24/2008	NS	NS	NS	NS	--	NS	NS	NS	NS	NS	NS	NS	NS	NS
3/20/2008	NS	NS	NS	NS	--	NS	NS	NS	NS	NS	NS	NS	NS	NS
6/24/2008	NS	NS	NS	NS	--	NS	NS	NS	NS	NS	NS	NS	NS	NS
1/14/2009	NS	NS	NS	NS	--	NS	NS	NS	NS	NS	NS	NS	NS	NS
04/22/09	NS	NS	NS	NS	--	NS	NS	NS	NS	NS	NS	NS	NS	NS
Bcal (I)														
8/30/1988	BQL	BQL	BQL	BQL	--	NA	NA	NA	NA	NA	NA	NA	NA	93
5/20/1993	BQL	BQL	BQL	BQL	--	NA	NA	NA	NA	NA	NA	NA	NA	136
10/1/1996	BQL	BQL	BQL	BQL	--	BQL	4	NA	NA	NA	BQL	BQL	BQL	91.2
2/18/1998	BQL	BQL	BQL	BQL	--	BQL	17	NA	NA	NA	BQL	NA	5.97	86
6/13/2003	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	BQL	BQL	BQL	110
10/8/2003	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	NA	NA	BQL	90
1/8/2004	BQL	BQL	BQL	BQL	--	BQL	3	NA	NA	NA	NA	NA	BQL	94.5
4/7/2004	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	NA	NA	BQL	77.5
7/20/2004	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	NA	NA	BQL	73.1
12/15/2004	BQL	BQL	BQL	BQL	--	BQL	9.89	NA	NA	NA	NA	NA	NA	154
3/24/2005	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	NA	NA	NA	85.4
8/23/2005	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	NA	NA	NA	99.4
12/1/2005	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	NA	NA	NA	7.49
3/8/2006	BQL	BQL	BQL	BQL	--	BQL	5.4	NA	NA	NA	NA	NA	NA	63
6/20/2006	BQL	BQL	BQL	BQL	--	BQL	13.7	NA	NA	NA	NA	NA	NA	218
10/12/2006	BQL	BQL	BQL	BQL	--	BQL	3.92	NA	NA	NA	NA	NA	NA	229
1/5/2007	BQL	BQL	BQL	BQL	--	BQL	2.2	NA	NA	NA	NA	NA	NA	333
3/22/2007	BQL	BQL	BQL	BQL	--	BQL	2.8	NA	NA	NA	NA	NA	NA	158
7/18/2007	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	NA	NA	NA	127
1/24/2008	BQL	BQL	BQL	BQL	--	BQL	2.46	NA	NA	NA	NA	NA	NA	181
3/20/2008	BQL	BQL	BQL	BQL	--	2.53	11.8	NA	NA	NA	NA	NA	NA	187
6/24/2008	BQL	BQL	BQL	BQL	--	BQL	5.55	NA	NA	NA	NA	NA	NA	193
1/14/2009	BQL	BQL	BQL	BQL	--	BQL	3.97	NA	NA	NA	NA	NA	NA	226
04/22/09	ND	ND	ND	ND	--	ND	ND	ND	ND	ND	ND	NA	NA	153

TABLE 5: HISTORICAL WATER WELL SAMPLE RESULTS

Compound/Analysis	Benzene	Ethylbenzene	Toluene	Total Xylenes	Total BTEX	MTBE	DIPE	1,2-DCB	1,3-DCB	1,4-DCB	EDB	Method 601	Lead	Chloride
2L Standards	1	29	1,000	530	--	200	70	24	170	1.4	$4 \times 10^{-4}$	--	15	250
Water Supply Wells														
F. Norman (2)														
8/30/1988	BQL	BQL	BQL	BQL	--	NA	NA	NA	NA	NA	NA	NA	NA	8.6
5/20/1993	BQL	BQL	BQL	BQL	--	NA	NA	NA	NA	NA	NA	NA	NA	9
10/1/1996	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	NA	12/1/2005	BQL	49.9
2/18/1998	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	BQL	3/8/2006	BQL		43.4
6/12/2003	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	BQL	6/20/2006	BQL		2.4
10/8/2003	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	10/12/2006	BQL		6.7
1/8/2004	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	1/5/2007	BQL		5.82
4/7/2004	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	NA	NA	BQL	7.56
12/15/2004	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	NA	NA	BQL	9.5
3/24/2005	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	NA	NA	NA	8.58
8/23/2005	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	NA	NA	NA	10.8
3/22/2007	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	NA	NA	NA	11.4
7/18/2007	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	NA	NA	NA	15
1/24/2008	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	NA	NA	NA	5.93
3/20/2008	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	NA	NA	NA	4.74
6/24/2008	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	NA	NA	NA	8.33
1/14/2009	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	NA	NA	NA	6.69
04/22/09	ND	ND	ND	ND	--	ND	ND	ND	ND	ND	ND	NA	NA	6.96
Gibson (3)														
8/30/1988	BQL	BQL	BOL	BOL	--	NA	NA				NA	NA	NA	210
5/20/1993	BQL	BQL	BQL	BQL	--	NA	NA	NA	NA	NA	NA	NA	NA	265
10/1/1996	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	BQL	BQL		343
2/18/1998	BQL	BQL	BOL	BOL	--	BOL	BOL	NA	NA	BOL	NA	BOL		205
6/13/2003	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	BQL	BQL	BQL	BQL	230
10/8/2003	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	NA	NA	I2	260
1/8/2004	BQL	BQL	BOL	BOL	--	BQL	BQL	NA	NA	NA	NA	NA	BQL	276
4/7/2004	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	NA	NA	BQL	267
7/20/2004	BQL	BQL	BOL	BOL	--	BQL	BQL	NA	NA	NA	NA	NA	BQL	302
12/15/2004	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	NA	NA	NA	238
3/24/2005	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	NA	NA	NA	235
8/23/2005	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	NA	NA	NA	230
12/1/2005	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	NA	NA	NA	402
3/8/2006	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	NA	NA	NA	100
6/20/2006	BQL	BOL	BQL	BQL	--	BQL	BQL	NA	NA	NA	NA	NA	NA	191
10/12/2006	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	NA	NA	NA	174
1/5/2007	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	NA	NA	NA	356
3/22/2007	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	NA	NA	NA	160.4
7/18/2007	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	NA	NA	NA	193
1/24/2008	BQL	BQL	BOL	BOL	--	BQL	BQL	NA	NA	NA	NA	NA	NA	137
3/20/2008	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	NA	NA	NA	126
6/24/2008	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	NA	NA	NA	181
1/14/2009	BQL	BQL	BOL	BOL	--	BQL	BQL	NA	NA	NA	NA	NA	NA	173
04/22/09	ND	ND	ND	ND	--	ND	ND	ND	ND	ND	ND	NA	NA	13.4

TABLE 5: HISTORICAL WATER WELL SAMPLE RESULTS

Compound/Analysis	Benzene	Ethylbenzene	Toluene	Total Xylenes	Total BTEX	MTBE	DIPE	1,2-DCB	1,3-DCB	1,4-DCB	EDB	Method 601	Lead	Chloride
2L Standards	1	29	1,000	530	--	200	70	24	170	1.4	$4 \times 10^{-3}$	--	15	250
Water Supply Wells														
Presnell (4)														
8/30/1988	BQL	BOL	BQL	BQL	--	NA	NA	NA	NA	NA	NA	NA	NA	100
5/20/1993	BQL	BQL	BQL	BQL	--	NA	NA	NA	NA	NA	NA	NA	NA	265
10/1/1996	BQL	BOL	BOL	BOL	--	BQL	BQL	NA	NA	NA	BQL	BQL	BQL	119
2/18/1998	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	BQL	NA	BQL	80.8
6/13/2003	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	BQL	2.9	BQL	88
10/8/2003	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	NA	BQL	BQL	86
1/8/2004	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	NA	NA	BQL	74.7
4/7/2004	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	NA	NA	BQL	70.9
7/20/2004	BQL	BQL	BOL	BOL	--	BQL	BQL	NA	NA	NA	NA	NA	BQL	90.2
12/15/2004	BQL	BQL	BQL	BOL	--	BOL	BQL	NA	NA	NA	NA	NA	NA	76
3/24/2005	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	NA	NA	NA	87.3
8/23/2005	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	NA	NA	NA	103
12/1/2005	BQL	BQL	BOL	BOL	--	BOL	BQL	NA	NA	NA	NA	NA	NA	80.8
3/8/2006	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	NA	NA	NA	45
6/20/2006	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	NA	NA	NA	92.9
10/12/2006	BQL	BQL	BQL	BOL	--	BOL	BQL	NA	NA	NA	NA	NA	NA	82.5
1/5/2007	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	NA	NA	NA	119
3/22/2007	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	NA	NA	NA	75
7/18/2007	BQL	BQL	BOL	BOL	--	BOL	BQL	NA	NA	NA	NA	NA	NA	88
1/24/2008	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	NA	NA	NA	80.8
3/20/2008	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	NA	NA	NA	78.9
6/24/2008	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	NA	NA	NA	94.2
1/14/2009	BQL	BQL	BOL	BOL	--	BOL	BQL	NA	NA	NA	NA	NA	NA	81.4
04/22/09†	NS	NS	NS	NS	--	NS	NS	NS	NS	NS	NS	NS	NS	NS
Jester (5)														
8/30/1988	BQL	BQL	BQL	BQL	--	NA	NA	NA	NA	NA	NA	NA	NA	34
5/20/1993	BQL	BQL	BQL	BQL	--	NA	NA	NA	NA	NA	NA	NA	NA	35
10/1/1996	BQL	BOL	BOL	BOL	--	BOL	BQL	NA	NA	NA	BQL	BQL	BQL	493
2/17/1998	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	BQL	NA	BQL	67
6/13/2003	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	BQL	BQL	BQL	43
10/8/2003	BOL	BOL	BOL	BOL	--	BOL	BQL	NA	NA	NA	BQL	NA	BQL	46
1/8/2004	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	NA	NA	BQL	42.9
4/7/2004	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	NA	NA	BQL	42.1
7/20/2004	BQL	BQL	BOL	BOL	--	BOL	BQL	NA	NA	NA	NA	NA	BQL	43.4
12/15/2004	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	NA	NA	NA	47.5
3/24/2005	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	NA	NA	NA	49.1
8/23/2005	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	NA	NA	NA	58.2
12/1/2005	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	NA	NA	NA	38.5
3/8/2006	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	NA	NA	NA	33
6/20/2006	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	NA	NA	NA	44
10/12/2006	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	NA	NA	NA	47.1
1/5/2007	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	NA	NA	NA	127
3/22/2007	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	NA	NA	NA	46.6
7/18/2007	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	NA	NA	NA	51
1/24/2008	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	NA	NA	NA	43.3
3/20/2008	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	NA	NA	NA	51.7
6/24/2008	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	NA	NA	NA	43.5
1/14/2009	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	NA	NA	NA	41.9
04/22/09	ND	ND	ND	ND	--	ND	ND	ND	ND	ND	ND	NA	NA	46.2

TABLE 5: HISTORICAL WATER WELL SAMPLE RESULTS

Compound/Analysis	Benzene	Ethylbenzene	Toluene	Total Xylenes	Total BTEX	MTBE	DIPE	1,2-DCB	1,3-DCB	1,4-DCB	EDB	Method 601	Lead	Chloride
2L Standards	1	29	1,000	530	--	200	70	24	170	1.4	$4 \times 10^{-3}$	--	15	250
Water Supply Wells														
J. Hancock (6) before treatment system [														
8/30/1988	11	BQL	1	13	25	NA	NA	NA	NA	NA	NA	NA	NA	3,100
5/20/1993	192	BQL	BQL	BQL	192	NA	NA	NA	NA	NA	NA	NA	NA	2,224
2/29/1996	NA	NA	NA	NA	--	NA	NA	NA	NA	NA	NA	NA	NA	2,741
10/1/1996	68	BQL	BQL	9	77	4	23	NA	NA	NA	NA	BQL	6.55	4,189
2/17/1998	56	BQL	BQL	BQL	56	BQL	15	NA	NA	NA	BQL	NA	BQL	3,934
6/13/2003	BQL	BQL	BQL	BQL	--	BQL	3	NA	NA	NA	BQL	BQL	BQL	2,300
10/8/2003	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	NA	NA	BQL	780
1/8/2004	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	NA	NA	BQL	826
4/7/2004	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	NA	NA	BQL	906
7/20/2004	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	NA	NA	BQL	900
12/15/2004	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	NA	NA	NA	879
3/24/2005	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	NA	NA	NA	912
8/23/2005	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	NA	NA	NA	1,010
12/1/2005	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	NA	NA	NA	1,290
3/8/2006	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	NA	NA	NA	1,400
6/20/2006	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	NA	NA	NA	1,199
10/12/2006	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	NA	NA	NA	1,132
1/5/2007	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	NA	NA	NA	1,152
3/22/2007	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	NA	NA	NA	926
7/18/2007	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	NA	NA	NA	1,265
1/24/2008	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	NA	NA	NA	1,000
3/20/2008	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	NA	NA	NA	1,230
6/24/2008	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	NA	NA	NA	1,030
1/14/2009	NS	NS	NS	NS	--	NS	NS	NS	NS	NS	NS	NS	NS	NS
04/22/09	NS	NS	NS	NS	--	NS	NS	NS	NS	NS	NS	NS	NS	NS
J. Hancock (6) after treatment system [														
6/20/2006	BQL	BQL	BQL	BQL	BQL	BQL	BQL	NA	NA	NA	NA	NA	NA	1223*
10/12/2006	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	NA	NA	NA	61.3
1/5/2007	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	NA	NA	NA	127
3/22/2007	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	NA	NA	NA	83.8
7/18/2007	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	NA	NA	NA	87.5
1/24/2008	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NS	NS	NS	NS	89.8
3/20/2008	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	NS	NS	NS	99.5
6/24/2008	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	NA	NA	NA	100
1/14/2009	NS	NS	NS	NS	--	NS	NS	NS	NS	NS	NS	NS	NS	NS
04/22/09	NS	NS	NS	NS	--	NS	NS	NS	NS	NS	NS	NS	NS	NS

TABLE 5: HISTORICAL WATER WELL SAMPLE RESULTS

Compound/Analysis	Benzene	Ethylbenzene	Toluene	Total Xylenes	Total BTEX	MTBE	DIPE	1,2-DCB	1,3-DCB	1,4-DCB	EDB	Method 601	Lead	Chloride
2L Standards	1	29	1,000	530	---	200	70	24	170	1.4	$4 \times 10^{-3}$	---	15	250
Water Supply Wells														
Rhodes (ERW)														
5/26/1988	715.8	NA	108.5	276.32	1,100.62	NA	NA	NA	NA	NA	NA	NA	NA	79
8/30/1988	400	BQL	71	BQL	471	NA	NA	NA	NA	NA	NA	NA	NA	190
5/20/1993	39	BQL	BQL	BQL	39	NA	NA	NA	NA	NA	NA	NA	NA	147
10/1/1996	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	BQL	NA	BQL	BQL	171
2/18/1998	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	BQL	NA	BQL	BQL	86
6/12/2003	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	BQL	BQL	BQL	BQL	81
10/8/2003	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	NA	BQL	BQL	120
1/8/2004	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	NA	NA	BQL	108
4/7/2004	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	NA	NA	BQL	114
7/20/2004	BQL	BQL	BQL	BQL	--	BQL	1.57	NA	NA	NA	NA	NA	BQL	123
12/15/2004	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	NA	NA	NA	109
3/24/2005	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	NA	NA	NA	104
8/23/2005	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	NA	NA	NA	125
12/1/2005	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	NA	NA	NA	103
3/8/2006	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	NA	NA	NA	52
6/20/2006	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	NA	NA	NA	88.3
10/12/2006	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	NA	NA	NA	84.9
1/5/2007	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	NA	NA	NA	119
3/22/2007	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	NA	NA	NA	93.6
7/18/2007	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	NA	NA	NA	110
1/24/2008	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	NA	NA	NA	75.6
3/20/2008	BQL	BQL	BQL	BQL	--	BQL	1.19	NA	NA	NA	NA	NA	NA	94.1
6/24/2008	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	NA	NA	NA	89.3
1/14/2009	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	NA	NA	NA	101
04/22/09	ND	ND	ND	ND	--	ND	ND	ND	ND	ND	NA	NA	NA	91.2
Brown (7)														
6/12/2003	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	BQL	BQL	BQL	BQL	380
10/8/2003	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	NA	BQL	BQL	420
1/8/2004	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	NA	BQL	BQL	297
4/7/2004	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	NA	BQL	BQL	470
7/20/2004	BQL	BQL	BQL	BQL	--	BQL	1.57	NA	NA	NA	NA	NA	BQL	408
12/15/2004	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	NA	NA	NA	330
3/24/2005	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	NA	NA	NA	475
8/23/2005	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	NA	NA	NA	305
12/1/2005	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	NA	NA	NA	228
3/8/2006	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	NA	NA	NA	110
6/20/2006	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	NA	NA	NA	230
10/12/2006	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	NA	NA	NA	220
1/5/2007	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	NA	NA	NA	273
3/3/07	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	NA	NA	NA	177
7/18/2007	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	NA	NA	NA	224
1/24/2008	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	NA	NA	NA	212
3/20/2008	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	NA	NA	NA	207
6/24/2008	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	NA	NA	NA	163
1/14/2009	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	NA	NA	NA	205
04/22/09	ND	ND	ND	ND	--	ND	ND	ND	ND	ND	NA	NA	NA	215

Notes:

All results in parts per billion (ppb), except chloride which is presented in parts per million (ppm)

Concentrations which exceed the 2L Groundwater Quality Standards are bold

2L Standards - Subchapter 2L Quality Standards for Class GA groundwater

MTBE - Methyl-tetra-butyl-ether

DIPE - Diisopropyl ether

DCB - Dichlorobenzene

Environmental Alliance began sampling in April 2009, all previous samples collected by others

† - Hancock location removed from sampling due to connection to public water supply

‡ - Not sampled, well inaccessible

NA- Not analyzed for this compound

NS - Not Sampled

ND - Non-detect

BQL- Below the quantitation limit of the method of analysis

SW - South Well

TABLE 6: HISTORICAL SURFACE WATER SAMPLE RESULTS

Compound/ Analysis	S-1 (upper)																State Standard						
	10/31/88 <sup>1</sup>	10/11/96 <sup>2</sup>	2/18/98 <sup>3</sup>	6/12/03 <sup>4</sup>	10/8/03 <sup>5</sup>	1/8/04 <sup>6</sup>	4/7/04 <sup>7</sup>	7/20/04 <sup>8</sup>	12/15/04 <sup>9</sup>	3/24/05 <sup>10</sup>	8/23/05 <sup>11</sup>	12/01/05 <sup>12</sup>	3/08/06 <sup>13</sup>	6/20/06 <sup>14</sup>	10/12/06 <sup>15</sup>	1/3/07 <sup>16</sup>	3/22/07 <sup>17</sup>	7/18/07 <sup>18</sup>	1/24/08 <sup>19</sup>	3/20/2008 <sup>20</sup>	6/24/2008 <sup>21</sup>	1/14/2009 <sup>22</sup>	4/21/2009 <sup>23</sup>
Benzene <sup>1</sup>	NA	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	NS	BQL	BQL	NS	NS	BQL	NS	NS	BQL	NS	BQL	ND	1.19
Ethylbenzene <sup>1</sup>	NA	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	NS	BQL	BQL	NS	NS	BQL	NS	NS	BQL	NS	BQL	ND	---
Toluene <sup>1</sup>	NA	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	NS	BQL	BQL	NS	NS	BQL	NS	NS	BQL	NS	BQL	ND	11
Total Xylenes <sup>1</sup>	NA	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	NS	BQL	BQL	NS	NS	BQL	NS	NS	BQL	NS	BQL	ND	---
Total BTEX	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MTBE <sup>1</sup>	NA	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	NS	BQL	BQL	NS	NS	BQL	NS	NS	BQL	NS	BQL	ND	---
DIPE <sup>1</sup>	NA	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	NS	BQL	BQL	NS	NS	BQL	NS	NS	BQL	NS	BQL	ND	---
1,2-DCB <sup>1</sup>	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	---
1,3-DCB <sup>1</sup>	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	---
1,4-DCB <sup>1</sup>	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	---
EDB <sup>1</sup>	NA	BQL	BQL	BQL	NA	NA	NA	NA	NA	NA	NS	NA	BQL	NS	NS	BQL	NS	NS	BQL	NS	BQL	NA	---
Method 60 <sup>12</sup>	NA	BQL	NA	BQL	NA	NA	NA	NA	NA	NA	NS	NA	BQL	NS	NS	BQL	NS	NS	BQL	NS	BQL	NA	---
Lead <sup>3</sup>	NA	BQL	BQL	BQL	NA	NA	NA	NA	NA	NA	NS	NA	BQL	NS	NS	BQL	NS	NS	BQL	NS	BQL	NA	25
Chloride <sup>4</sup>	1,000	74.6	22.8	12	7.6	10.8	13.6	209	31.6	27.8	NS	33.3	35	NS	37.5	23.3	NS	46.3	NS	25.1	14.2	250	

Compound/ Analysis	S-2 (mid)																State Standard						
	10/31/88 <sup>1</sup>	10/11/96 <sup>2</sup>	2/18/98 <sup>3</sup>	6/12/03 <sup>4</sup>	10/8/03 <sup>5</sup>	1/8/04 <sup>6</sup>	4/7/04 <sup>7</sup>	7/20/04 <sup>8</sup>	12/15/04 <sup>9</sup>	3/24/05 <sup>10</sup>	8/23/05 <sup>11</sup>	12/01/05 <sup>12</sup>	3/08/06 <sup>13</sup>	6/20/06 <sup>14</sup>	10/12/06 <sup>15</sup>	1/3/07 <sup>16</sup>	3/22/07 <sup>17</sup>	7/18/07 <sup>18</sup>	1/24/08 <sup>19</sup>	3/20/2008 <sup>20</sup>	6/24/2008 <sup>21</sup>	1/14/2009 <sup>22</sup>	4/21/2009 <sup>23</sup>
Benzene <sup>1</sup>	NA	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	NS	BQL	NS	NS	BQL	NS	BQL	ND	1.19	
Ethylbenzene <sup>1</sup>	NA	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	NS	BQL	NS	NS	BQL	NS	BQL	ND	---	
Toluene <sup>1</sup>	NA	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	NS	BQL	NS	NS	BQL	NS	BQL	ND	11	
Total Xylenes <sup>1</sup>	NA	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	NS	BQL	NS	NS	BQL	NS	BQL	ND	---	
Total BTEX	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MTBE <sup>1</sup>	NA	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	NS	BQL	NS	NS	BQL	NS	BQL	ND	---	
DIPE <sup>1</sup>	NA	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	NS	BQL	NS	NS	BQL	NS	BQL	ND	---	
1,2-DCB <sup>1</sup>	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	---
1,3-DCB <sup>1</sup>	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	---
1,4-DCB <sup>1</sup>	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	---
EDB <sup>1</sup>	NA	BQL	BQL	BQL	NA	NA	NA	NA	NA	NA	NS	NA	BQL	BQL	NS	BQL	BQL	NS	BQL	BQL	NS	NA	---
Method 60 <sup>12</sup>	NA	BQL	NA	BQL	NA	NA	NA	NA	NA	NA	NA	NA	BQL	BQL	NS	BQL	BQL	NS	BQL	BQL	NS	BQL	NA
Lead <sup>3</sup>	NA	BQL	BQL	BQL	NA	NA	NA	NA	NA	NA	NA	NA	BQL	BQL	NS	BQL	BQL	NS	BQL	BQL	NS	BQL	NA
Chloride <sup>4</sup>	840	72.2	156	27	16	39.8	41.1	15.1	64.1	49.8	79.2	248	39	26.4	NS	39.9	55.9	NS	72.9	NS	62.5	17.5	250

Compound/ Analysis	S-3 (lower)																State Standard							
	10/31/88 <sup>1</sup>	10/11/96 <sup>2</sup>	2/18/98 <sup>3</sup>	6/12/03 <sup>4</sup>	10/8/03 <sup>5</sup>	1/8/04 <sup>6</sup>	4/7/04 <sup>7</sup>	7/20/04 <sup>8</sup>	12/15/04 <sup>9</sup>	3/24/05 <sup>10</sup>	8/23/05 <sup>11</sup>	12/01/05 <sup>12</sup>	3/08/06 <sup>13</sup>	6/20/06 <sup>14</sup>	10/12/06 <sup>15</sup>	1/3/07 <sup>16</sup>	3/22/07 <sup>17</sup>	7/18/07 <sup>18</sup>	1/24/08 <sup>19</sup>	3/20/2008 <sup>20</sup>	6/24/2008 <sup>21</sup>	1/14/2009 <sup>22</sup>	4/21/2009 <sup>23</sup>	
Benzene <sup>1</sup>	NA	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	NS	BQL	BQL	BQL	BQL	BQL	ND	1.19	
Ethylbenzene <sup>1</sup>	NA	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	NS	BQL	BQL	BQL	BQL	BQL	ND	---	
Toluene <sup>1</sup>	NA	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	NS	BQL	BQL	BQL	BQL	BQL	ND	11	
Total Xylenes <sup>1</sup>	NA	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	NS	BQL	BQL	BQL	BQL	BQL	ND	---	
Total BTEX	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--		
MTBE <sup>1</sup>	NA	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	NS	BQL	BQL	BQL	BQL	BQL	ND	---	
DIPE <sup>1</sup>	NA	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	NS	BQL	BQL	BQL	BQL	BQL	ND	---	
1,2-DCB <sup>1</sup>	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	---	
1,3-DCB <sup>1</sup>	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	---	
1,4-DCB <sup>1</sup>	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	---	
EDB <sup>1</sup>	NA	BQL	BQL	BQL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	---	
Method 60 <sup>12</sup>	NA	BQL	NA	BQL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	---	
Lead <sup>3</sup>	NA	BQL	BQL	BQL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	25	
Chloride <sup>4</sup>	700	295	54.7	29	32	53.4	53.1	97.1	105	51.2	35.6	140	61	75.8	25.9	79.8	70.9	NS	75.8	79.3	84.3	77.2	46.7	250

Notes:

All results in parts per billion (ppb), except chloride which is presented in parts per million (ppm)

Concentrations which exceed the 2B Surface Water Quality Standards are bold

2B Standards - Subchapter 2B Quality Standards for Surface Water (NCAC 15A 2B.0200)

NS - Not Sampled

NA - Not analyzed for this compound

ND - Non-detect

BQL - Below the quantitation limit of the method of analysis

MTBE - Methyl-tert-butyl-ether

DIPE - Isopropyl Ether

DCB - Dichlorobenzene

Environmental Alliance began sampling in April 2009, all previous samples collected by others

TABLE 7: SUMMARY OF MONITORING WELL AND GROUNDWATER ELEVATION DATA

Well No.	Elevation <sup>1</sup> (ft)		Well Construction (ft)				Static Water Levels																
	Top of Casing	Top of Screen	Length of Screen	Depth of Casing <sup>5</sup>	Depth of Well	11/18/88 <sup>3</sup>		2/17-19/98 <sup>4</sup>		3/13/99 <sup>4</sup>		5/23/99 <sup>4</sup>		6/12/03 <sup>6</sup>		10/8/03 <sup>6</sup>		1/8/04 <sup>6</sup>		4/7/04 <sup>6</sup>		7/20/04 <sup>6</sup>	
						Depth (ft.)	Elevation	Depth (ft.)	Elevation	Depth (ft.)	Elevation	Depth (ft.)	Elevation	Depth (ft.)	Elevation	Depth (ft.)	Elevation	Depth (ft.)	Elevation	Depth (ft.)	Elevation	Depth (ft.)	Elevation
MW-1S	842.84	845.31	5.0	NA	15	13.95	831.36	13.20	832.11	--	--	14.23	831.06	14.21	828.63	14.34	828.50	14.17	828.67	14.07	828.77	14.32	828.52
MW-1D	674.66	-	NA	11.0	72	13.11	663.00	4.70	671.41	--	--	11.05	665.06	--	--	9.30	665.36	9.43	665.23	7.96	666.70	10.74	663.92
P-1	809.32	811.84	2.40	NA	3	3.60	808.24	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
P-2	ND	765.00	2.4	NA	5.5	3.70	761.30	4.95	760.05	--	--	--	--	--	--	--	--	--	--	--	--	--	--
P-3	682.98	684.89	2.4	NA	2.9	2.78	682.11	2.22	682.67	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RW-1	842.56	-	NA	23.8	220	--	--	130.85	712.31	147.25	695.91	>151.50	<691.66	139.20	703.36	117.99	724.57	119.08	723.48	122.22	720.34	118.11	724.45
RW-2	850.47	-	NA	38.6	401	--	--	130.40	720.58	149.62	701.36	145.50	705.48	126.25	724.22	121.88	728.59	122.75	727.72	123.47	727.00	121.79	728.68
RW-3	840.65	-	NA	52.5	340	--	--	129.50	711.47	141.25	699.72	139.55	701.42	124.14	716.51	112.86	727.79	115.78	724.87	113.32	727.33	113.04	727.61
RW-4	821.49	-	NA	20.0	301	--	--	105.20	715.10	119.11	701.19	118.25	702.05	103.34	718.15	96.11	725.38	97.46	724.03	97.81	723.68	95.66	725.83
RW-5	831.07	-	NA	29.5	303	--	--	115.35	716.63	129.10	702.88	128.35	703.63	112.26	718.81	105.87	725.20	107.55	723.52	107.22	723.85	105.78	725.29
RW-6 (PLW)	858.38	-	NA	37.7	267	137.64	721.68	137.28	722.04	151.10	708.22	150.35	708.97	132.53	725.85	126.69	731.69	128.68	729.70	129.41	728.97	127.04	731.34
RW-7	857.00	-	NA	14.1	221	--	--	134.70	722.96	145.45	712.21	145.20	712.46	130.27	726.73	124.62	732.38	126.74	730.26	127.46	729.54	125.09	731.91

Well No.	Elevation <sup>1</sup> (ft)		Well Construction (ft)				Static Water Levels																
	Top of Casing	Top of Screen	Length of Screen	Depth of Casing <sup>5</sup>	Depth of Well	01/05/05 <sup>6</sup>		03/24/05 <sup>6</sup>		08/23/05 <sup>6</sup>		12/01/05 <sup>6</sup>		3/08/06 <sup>6</sup>		6/20/06 <sup>6</sup>		10/12/06 <sup>6</sup>		1/3/07 <sup>6</sup>		3/22/07 <sup>6</sup>	
						Depth (ft.)	Elevation	Depth (ft.)	Elevation	Depth (ft.)	Elevation	Depth (ft.)	Elevation	Depth (ft.)	Elevation	Depth (ft.)	Elevation	Depth (ft.)	Elevation	Depth (ft.)	Elevation	Depth (ft.)	Elevation
MW-1S	842.84	845.31	5.0	NA	15	14.07 <sup>7</sup>	828.77	13.8	829.04	14.19	828.65	13.93	828.91	12.95	829.89	14.05	828.79	14.16	828.68	13.64	829.20	13.82	829.02
MW-1D	674.66	-	NA	11.0	72	10.02 <sup>7</sup>	664.64	7.39	667.27	11.39	663.27	12.15	662.51	12.33	662.33	12.35	662.31	14.52	660.14	10.28	664.38	9.02	665.64
P-1	809.32	811.84	2.40	NA	3	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
P-2	ND	765.00	2.4	NA	5.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
P-3	682.98	684.89	2.4	NA	2.9	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RW-1	842.56	-	NA	23.8	220	121.75	720.81	118.31	724.25	118.11	724.45	121.85	720.71	121.82	720.74	121.49	721.07	123.17	719.39	123.65	718.91	122.61	719.95
RW-2	850.47	-	NA	38.6	401	127.24	723.23	122.99	727.48	123.92	726.55	127.16	723.31	124.04	726.43	126.04	724.43	128.63	721.84	127.99	722.48	125.4	725.07
RW-3	840.65	-	NA	52.5	340	121.92	718.73	114.96	725.69	114.1	726.55	123.01	717.64	115.14	725.51	115.52	725.13	115.6	725.05	124.6	716.05	114.97	725.68
RW-4	821.49	-	NA	20.0	301	100.26	721.23	96.98	724.51	96.69	724.80	100.49	721.06	100.43	721.06	104.2	717.29	102.22	719.27	102.08	719.41	100.59	720.90
RW-5	831.07	-	NA	29.5	303	110.45	720.62	107.1	723.97	106.89	724.18	110.64	720.43	110.65	720.42	111.21	719.86	112.42	718.65	112.34	718.73	110.62	720.45
RW-6 (PLW)	858.38	-	NA	37.7	267	131.44	726.94	128.78	729.60	128.17	730.21	132.01	726.37	131.69	726.69	127.04	731.34	125.65	732.73	133.33	725.05	131.52	726.86
RW-7	857.00	-	NA	14.1	221	129.55	727.45	126.89	730.11	126.22	730.78	130.09	726.91	129.67	727.33	129.44	727.56	131.36	725.66	129.46	727.54		

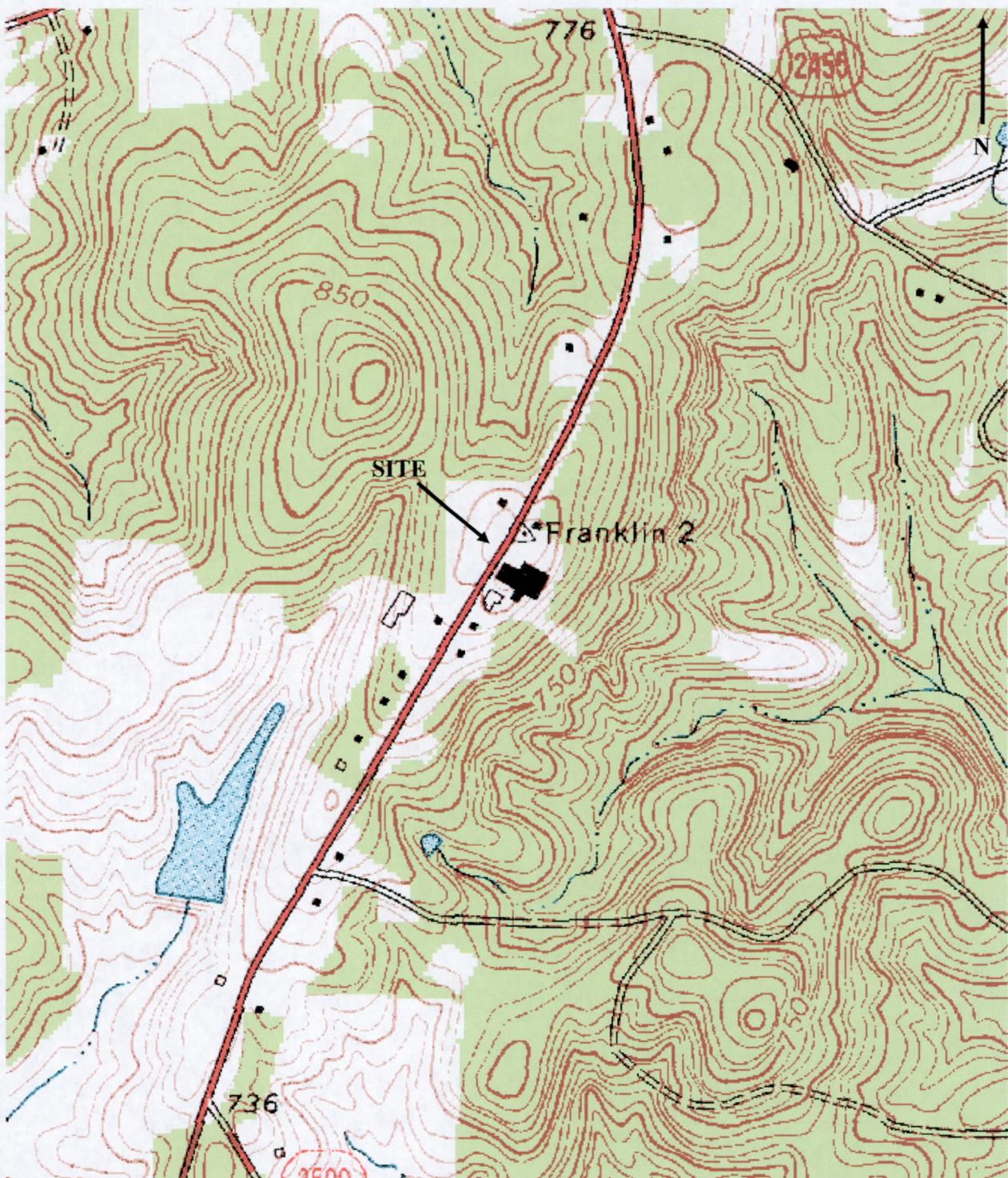
Well No.	Elevation <sup>1</sup> (ft)		Well Construction (ft)				Static Water Levels																	
	Top of Casing	Top of Screen	Length of Screen	Depth of Casing <sup>5</sup>	Depth of Well	01/05/05 <sup>6</sup>		03/24/05 <sup>6</sup>		08/23/05 <sup>6</sup>		12/01/05 <sup>6</sup>		3/08/06 <sup>6</sup>		6/20/06 <sup>6</sup>		10/12/06 <sup>6</sup>		1/3/07 <sup>6</sup>		3/22/07 <sup>6</sup>		
						Depth (ft.)	Elevation	Depth (ft.)	Elevation	Depth (ft.)	Elevation	Depth (ft.)	Elevation	Depth (ft.)	Elevation	Depth (ft.)	Elevation	Depth (ft.)	Elevation	Depth (ft.)	Elevation	Depth (ft.)	Elevation	
MW-1S	842.84	845.31	5.0	NA	15	12.21	830.63	14.6	828.24	14.47	828.37	14.42	828.42	14.88	827.96	14.72	828.12							
MW-1D	674.66	-	NA	11.0	72	661.89	12.77	661.76	12.9	660.16	12.98	661.68	10.92	663.74	8.32	666.34								
P-1	809.32	811.84	2.40	NA	3	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
P-2	ND	765.00	2.4	NA	5.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
P-3	682.98	684.89	2.4	NA	2.9	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
RW-1	842.56	-	NA	23.8	220	121.75	720.81	127.24	715.32	127.53	715.03	124.60	717.96	124.30	718.26	119.28	723.28							
RW-2	850.47	-	NA	38.6	401	125.12	725.35	132.81	717.66	132.54	717.93	129.09	721.38	128.88	721.59	121.22	729.25		</td					

*Ms. Ruth Debrito, Smithfield Foods, Inc.  
Hancock Country Hams, Franklinville, North Carolina*

**TABLE 8: MONITORING SCHEDULE**

Sample Location/Task	Frequency	Analysis
RW-1 thru RW-7, MW-1S, MW-1D	Quarterly	Method 602 plus MTBE/DIPE and Chloride
Water Wells	Quarterly	Method 602 plus MTBE/DIPE and Chloride
Creek	Quarterly	Method 602 plus MTBE/DIPE and Chloride
Soil Chloride Area	Annually	Standard Method 300 for Chloride

## FIGURES



Environmental Alliance, Inc.  
10993 South Richardson Road, Suite 17  
Ashland, Virginia 23005

SCALE:  
1"=400'

DATE:  
1/15/09

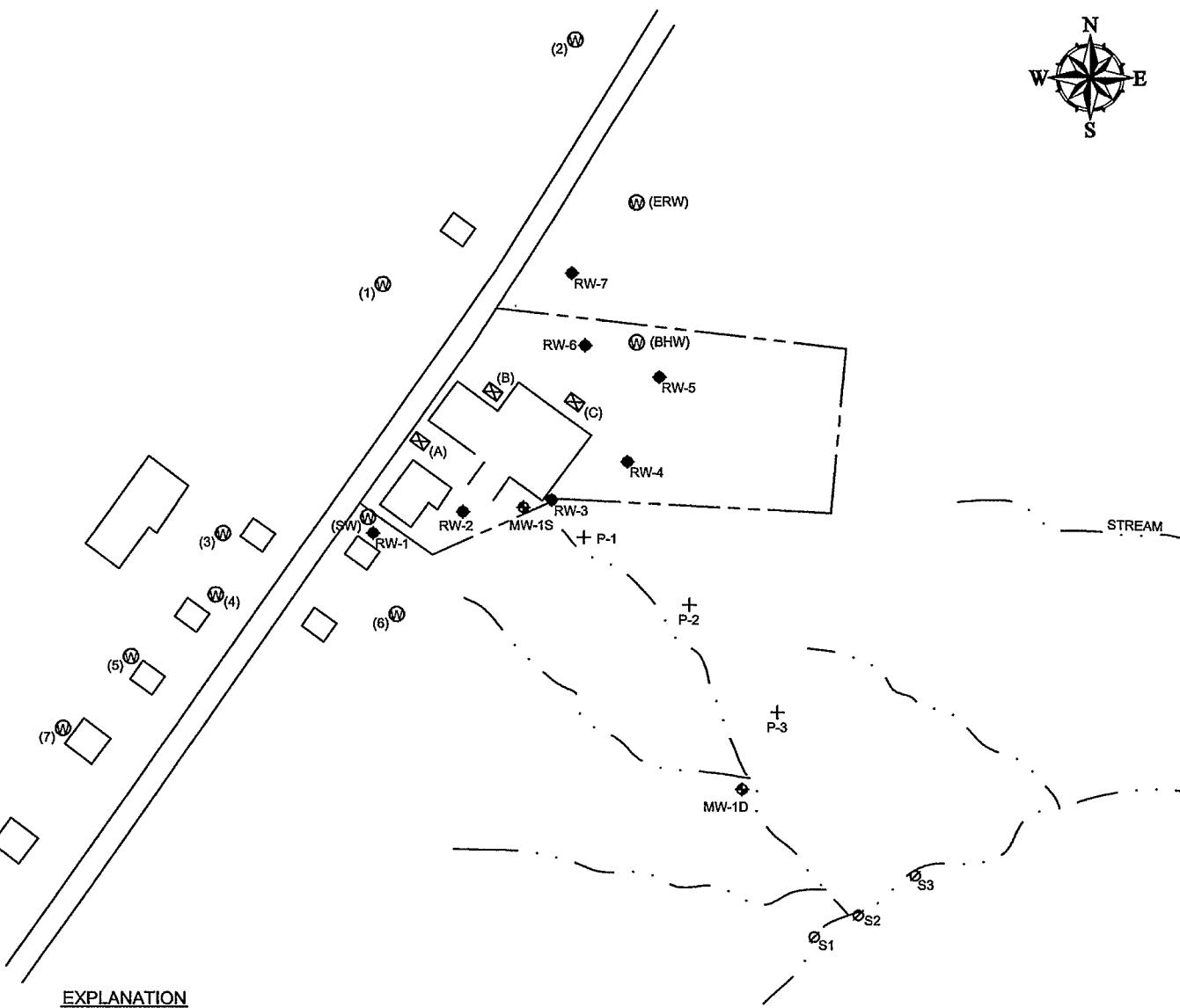
APPROVED  
BY: JSE

SOURCE: 1974 USGS TOPOGRAPHIC MAP, GRAYS  
CHAPEL QUADRANGLE

HANCOCK COUNTRY HAMS  
3484 NC HIGHWAY 22  
FRANKLINVILLE, NORTH CAROLINA  
TRIGON PROJECT NO. 99197

SITE LOCATION MAP

FIGURE  
1



#### EXPLANATION

- STRUCTURES
- FORMER UNDERGROUND STORAGE TANK LOCATION (LETTER DESIGNATES PIT LOCATION)
- ◆ RECOVERY WELL
- SURFACE WATER SAMPLE
- + PIEZOMETER SAMPLE
- ◆ MONITORING WELL
- (7)W DOMESTIC WATER SUPPLY WELL (NUMBER FOR IDENTIFICATION PURPOSE ONLY)  
ERW - ED RHOES WELL  
BHW - BLOCK HOUSE WELL (ABANDONED)  
SW - SOUTH WELL

0 300 600 Feet

Source: Trigon Engineering, Inc., 2008

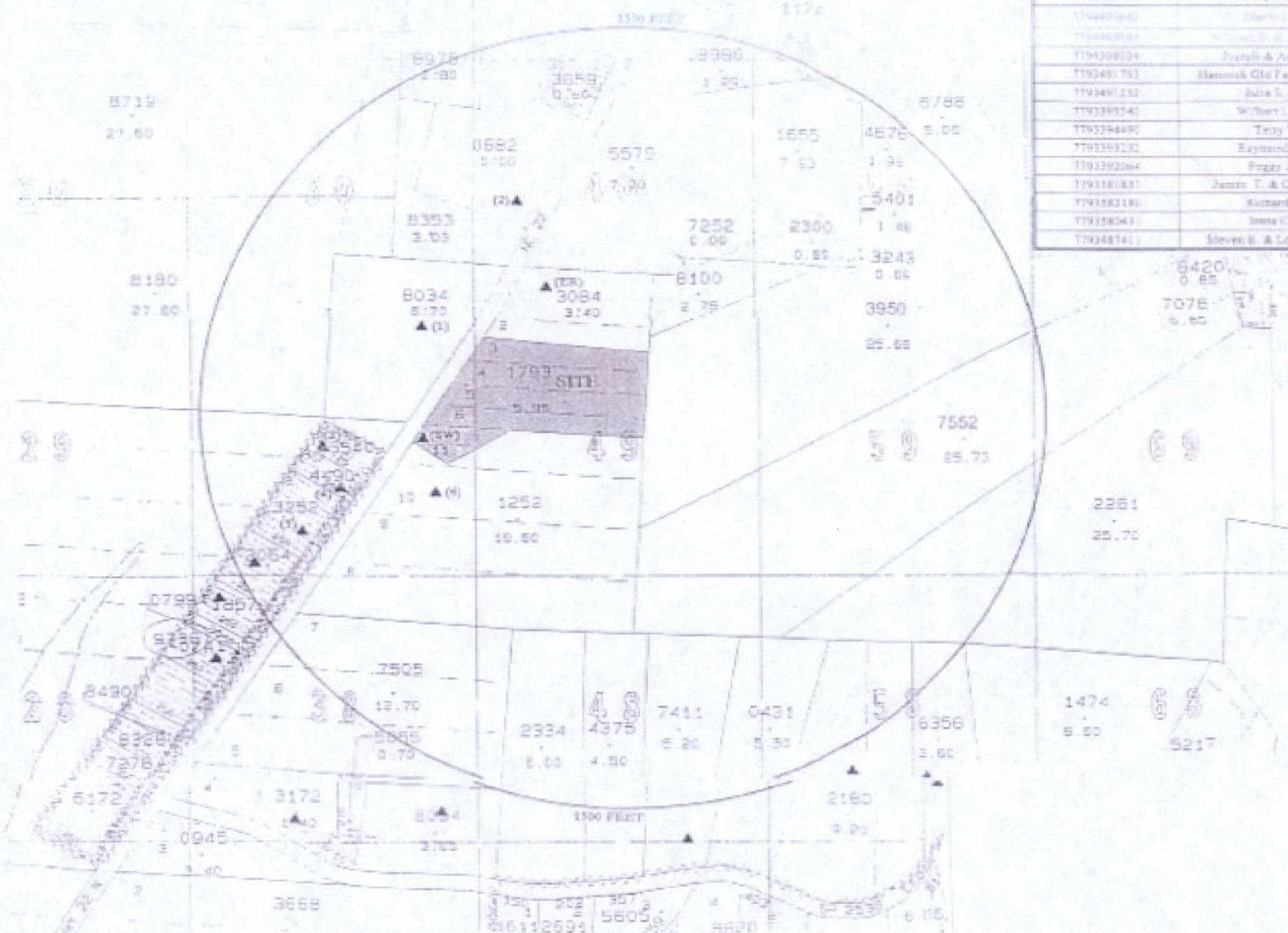


**Environmental Alliance, Inc.**  
10993 South Richardson Road, Suite 17,  
Ashland, VA 23005  
Phone: (804) 752-3558 - Fax: (804) 752-3559

HANCOCK COUNTRY HAMS  
FRANKLINVILLE, NORTH CAROLINA

#### SITE MAP

DESIGNED BY:	DRAWN BY:	UPDATED BY:	FIGURE NO:
—	AGG	—	2
APPROVED BY: JSE	PROJECT NO. 2719	DATE: 5/20/2009	



Parcel ID No.	Property Owner	Property Address
T794400000	James J. Norcross	201 NC Hwy 22 N., Franklinville, NC 27248
T794400001	W. & C. Jackson, P. Frazee	201 NC Hwy 22 N., Franklinville, NC 27248
T794400024	Joseph & Anna Lee Rose	201 NC Hwy 22 N., Franklinville, NC 27248
T793401733	Hancock Old Fashion COUNTRY HAMS	2402 NC Hwy 22 N., Franklinville, NC 27248
T793401232	John S. Hancock	2402 NC Hwy 22 N., Franklinville, NC 27248
T793395240	Walter L. Hancock	1714 Academy Hill Rd., Franklinville, NC 27248
T793394890	Terry Wesley	P. O. Box 1380, Siler City, NC 27348
T793393282	Raymond Foster, Jr.	3418 NC Hwy 22 N., Franklinville, NC 27248
T793392164	Floyd J. Brown	3209 NC Hwy 22 N., Franklinville, NC 27248
T793381837	James T. & Charlotte Lovell	3207 NC Hwy 22 N., Franklinville, NC 27248
T793383180	Ronald Wallace	1111 Cedar Forest Rd., Franklinville, NC 27248
T793380431	Irene C. Garrett	1621 Cedar Forest Rd., Franklinville, NC 27248
T793401611	Steven E. & Lorita Thompson	3201 Cedar Forest Rd., Franklinville, NC 27248

#### EXPLANATION:

- ▲ WATER SUPPLY WELL
- (I) SAMPLE IDENTIFICATION NUMBER
- (L) LOT IDENTIFICATION NUMBER

NOTE: WATER SUPPLY WELL LOCATIONS ARE APPROXIMATE.

FIGURE FROM RANDOLPH COUNTY,  
NORTH CAROLINA, 1996 PROPERTY MAP,  
SHEETS 7793 AND 7794



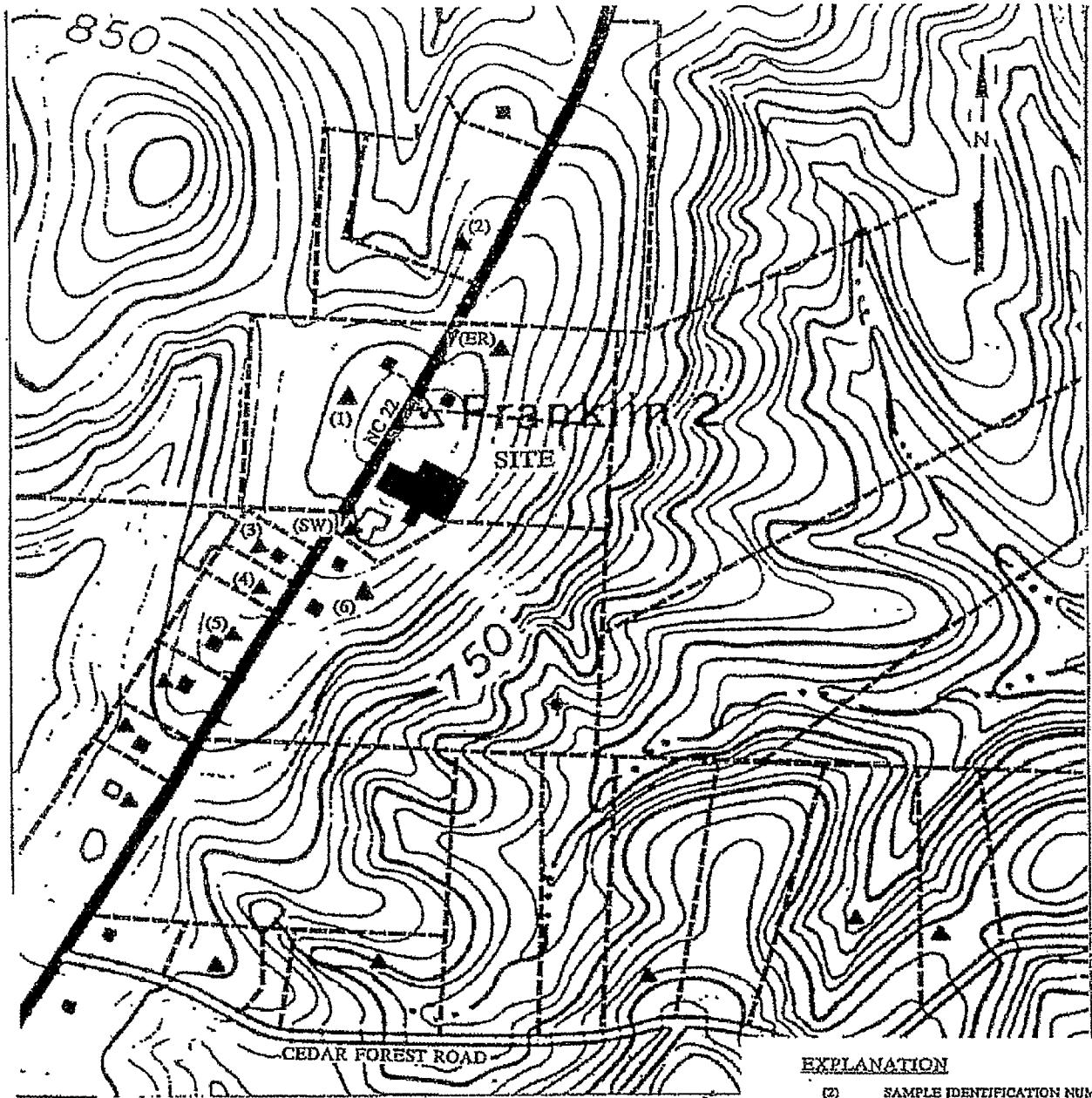
Environmental Alliance, Inc.  
10993 South Richardson Road, Suite 17  
Ashland, Virginia 23005

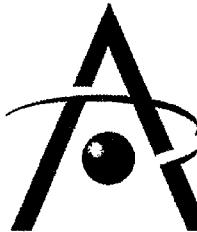
SCALE: 1" = 400'	DATE: 1/15/09	APPROVED BY: JSE	SOURCE: BPA ENVIRONMENTAL & ENGINEERING, INC. MARCH 23, 1998 REPORT
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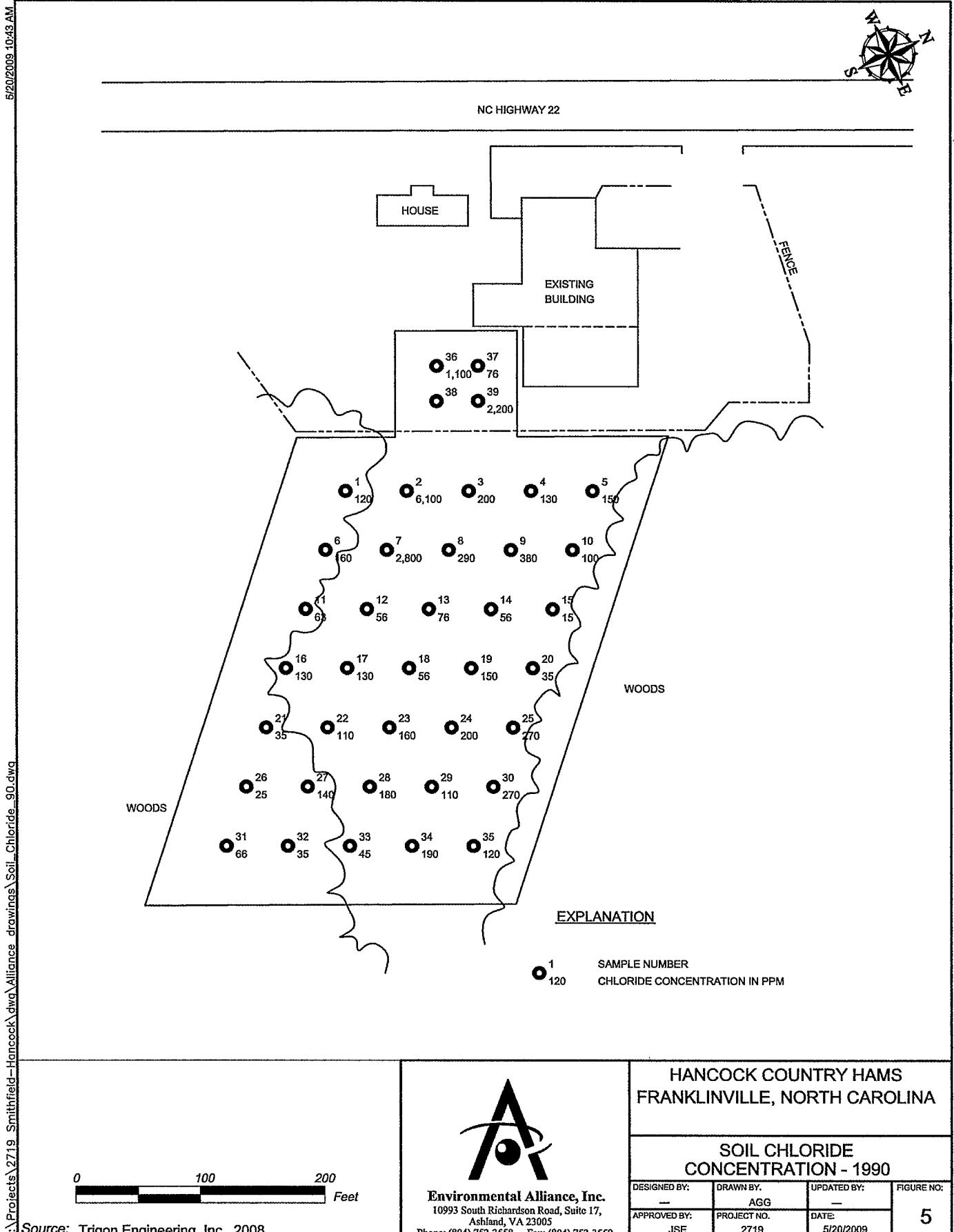
HANCOCK COUNTRY HAMS  
FRANKLINVILLE, NORTH CAROLINA  
TRIGON PROJECT NO. 99197

WATER SUPPLY WELLS WITHIN  
1500 FEET OF THE SITE

FIGURE 3



 Environmental Alliance, Inc. 10993 South Richardson Road, Suite 17 Ashland, Virginia 23005	SCALE: 1" = 500	DATE: 1/15/09	APPROVED BY: JSE	SOURCE: 1974 USGS TOPOGRAPHIC MAP, GRAYS CHAPEL QUADRANGLE
	<b>HANCOCK COUNTRY HAMS</b> <b>3484 NC HIGHWAY 22</b> <b>FRANKLINVILLE, NORTH CAROLINA</b> <b>TRIGON PROJECT NO. 99197</b>			
<b>Topographic Relationship of Water Well to the Site</b>			<b>FIGURE</b> <b>4</b>	

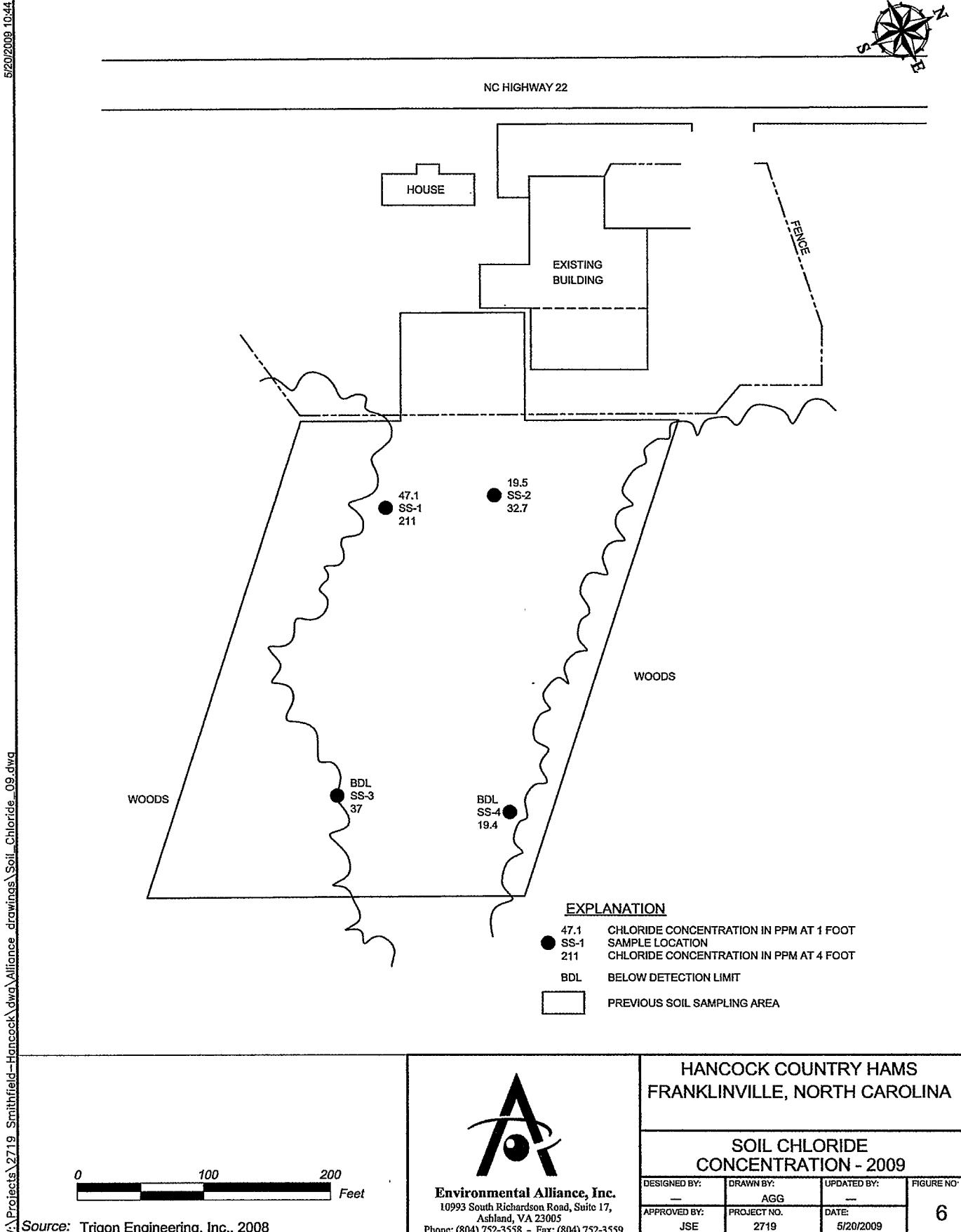


  
**Environmental Alliance, Inc.**  
 10993 South Richardson Road, Suite 17,  
 Ashland, VA 23005  
 Phone: (804) 752-3558 - Fax: (804) 752-3559

HANCOCK COUNTRY HAMS  
 FRANKLINVILLE, NORTH CAROLINA

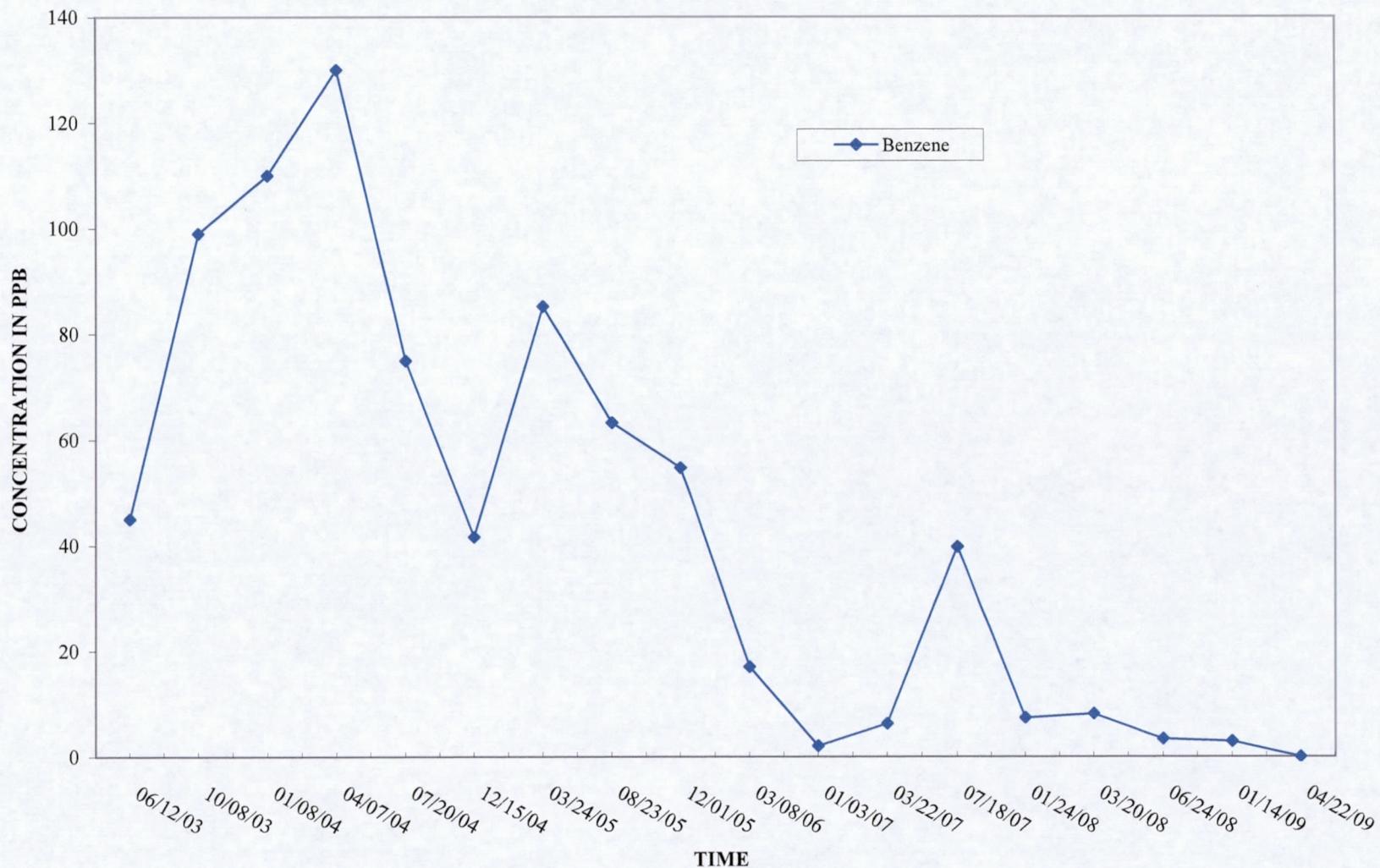
SOIL CHLORIDE  
 CONCENTRATION - 1990

DESIGNED BY:	DRAWN BY:	UPDATED BY:	FIGURE NO:
—	AGG	—	5
APPROVED BY: JSE	PROJECT NO. 2719	DATE: 5/20/2009	



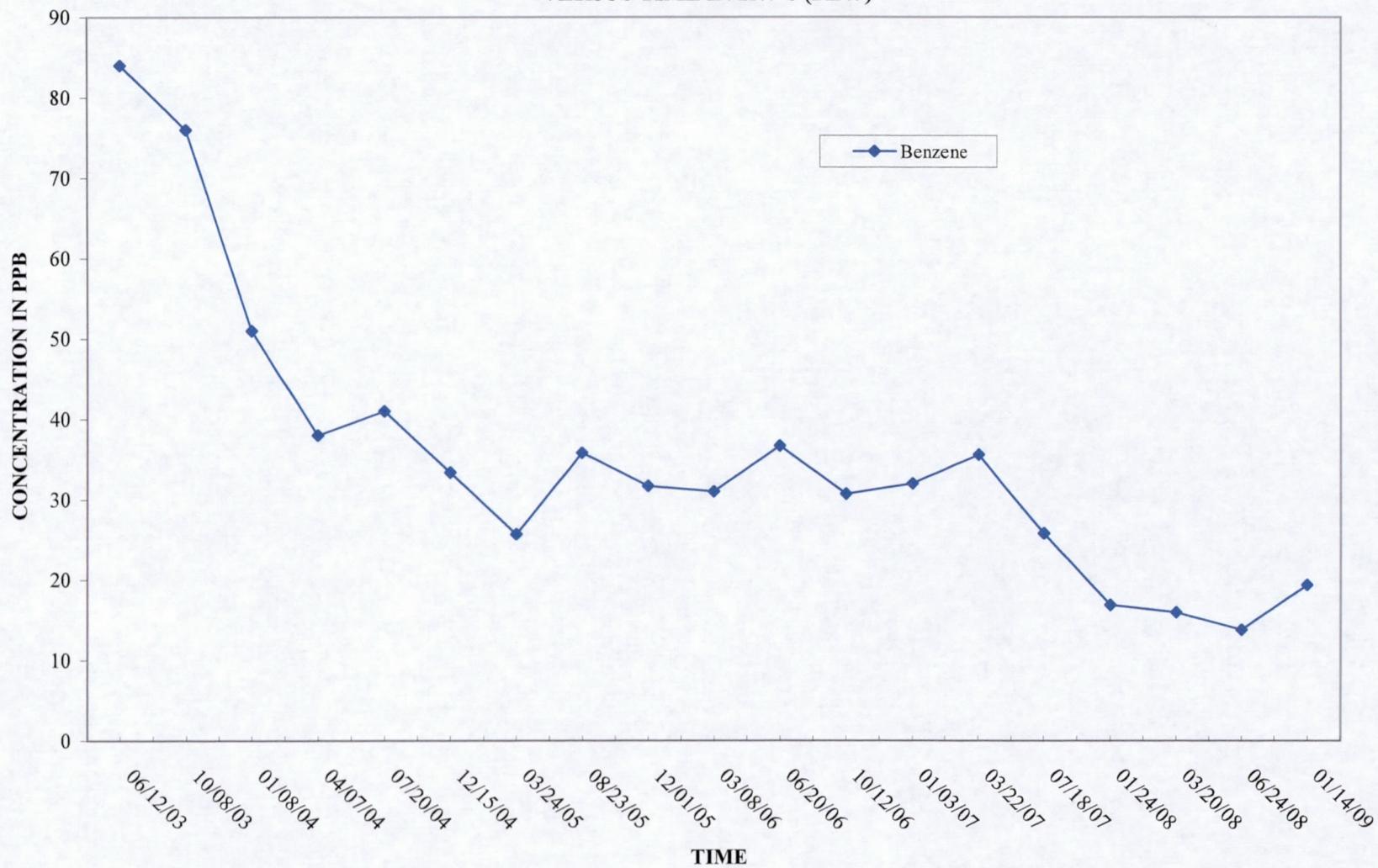
Ms. Ruth Debrito, Smithfield Foods, Inc,  
Hancock County Hams, Franklinville, North Carolina

**FIGURE 7**  
**CONCENTRATION OF BENZENE**  
**VERSUS TIME IN RW-3**



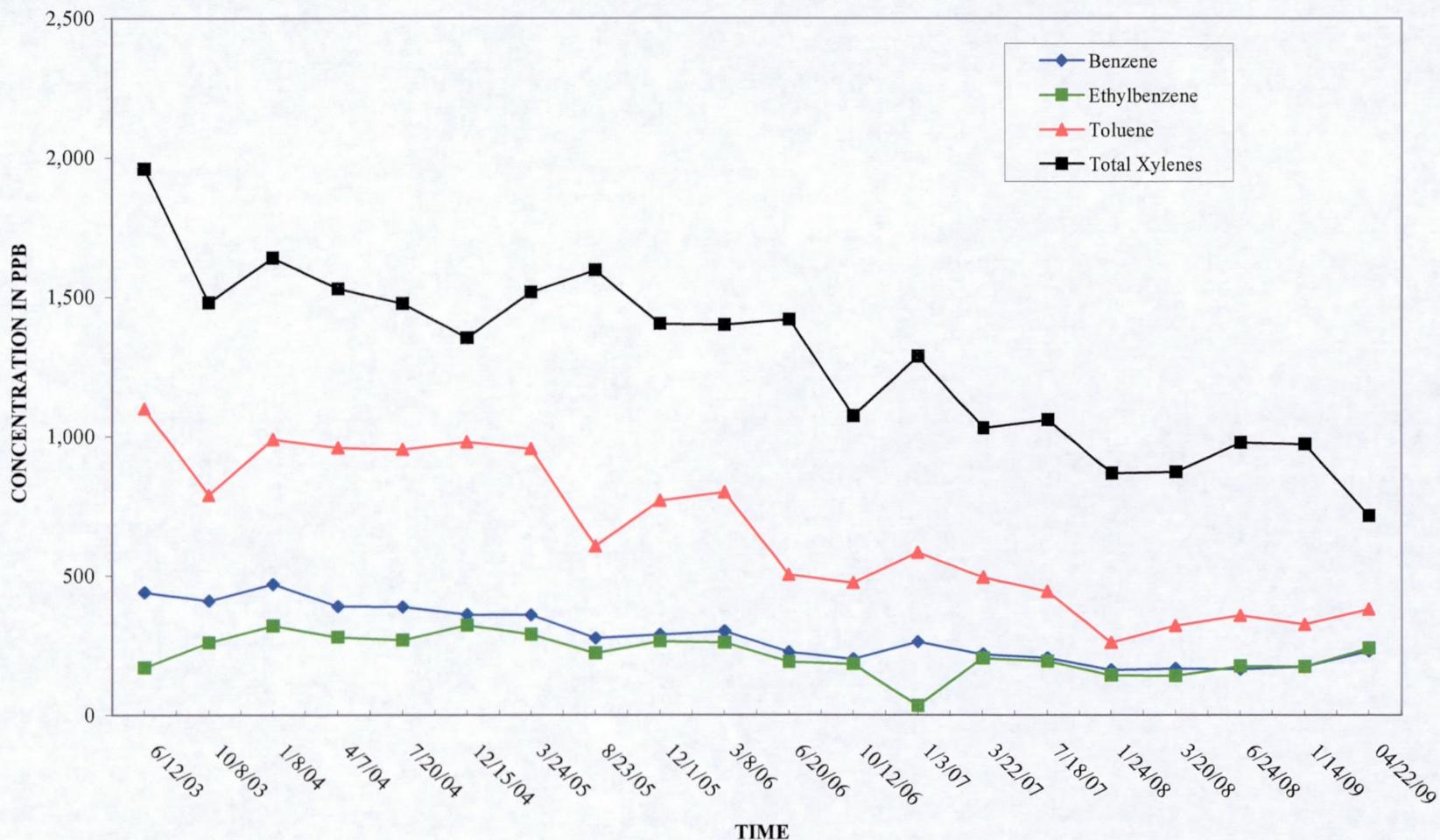
Ms. Ruth Debrito, Smithfield Foods, Inc.  
Hancock Country Hams, Franklinville, North Carolina

**FIGURE 8**  
**CONCENTRATION OF BENZENE**  
**VERSUS TIME IN RW-6 (PLW)**



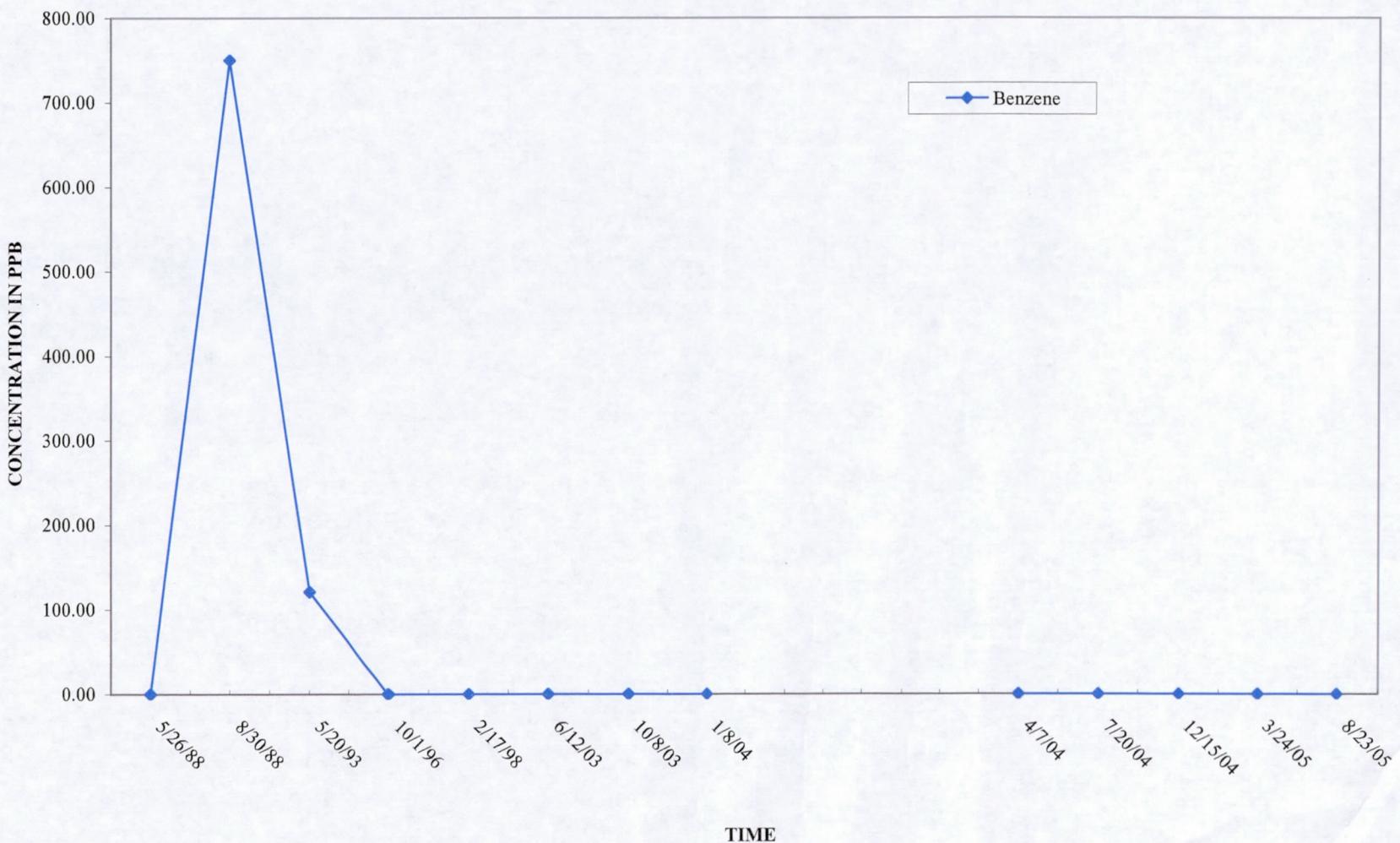
Ms. Ruth Debrito, Smithfield foods, Inc.  
Hancock Country Hams, Franklinville, North Carolina

FIGURE 9  
CONCENTRATION OF BENZENE, ETHYLBENZENE,  
TOLUENE, AND TOTAL XYLEMES  
VERSUS TIME IN RW-7



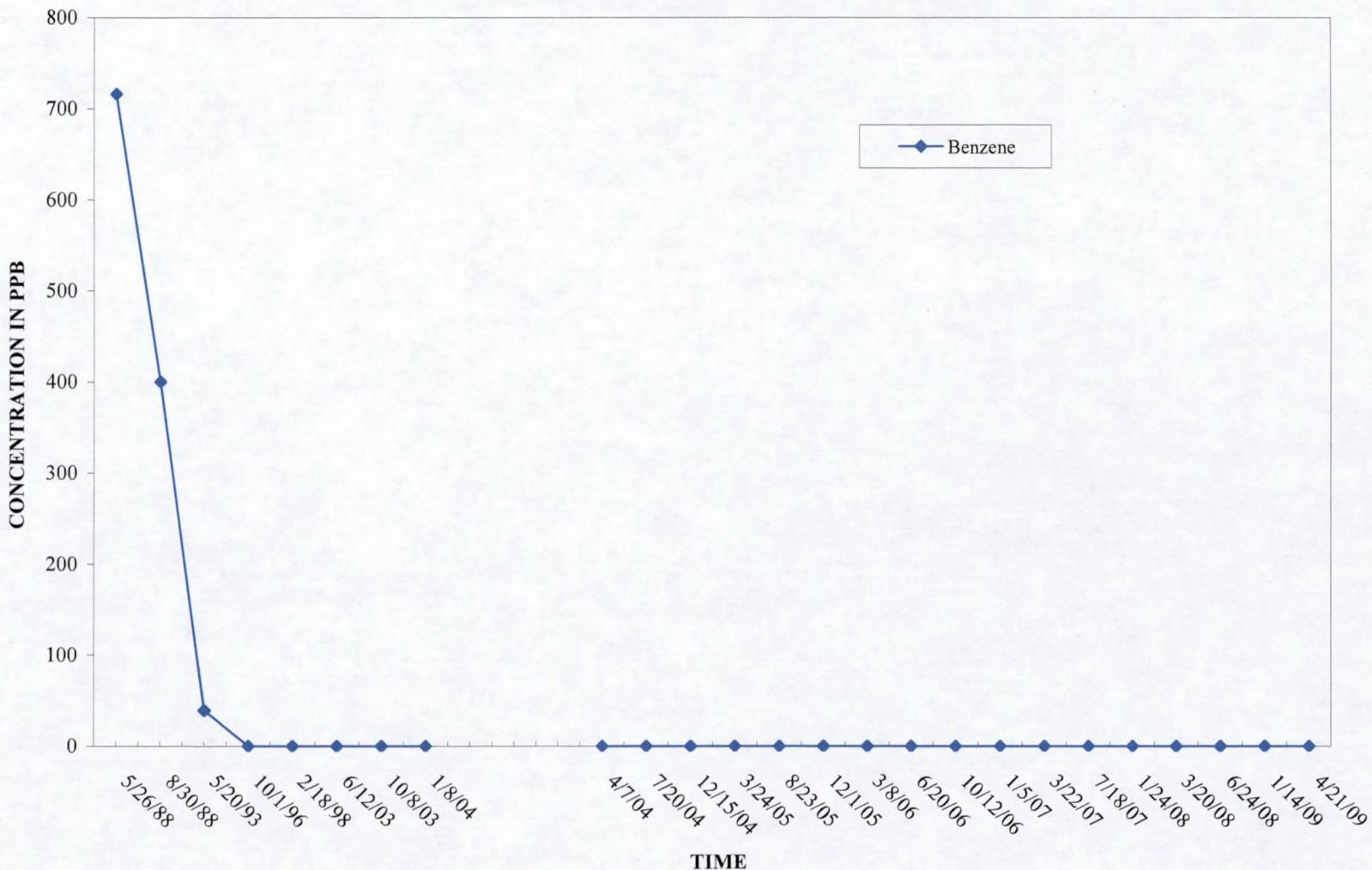
Ms. Ruth Debrito, Smithfield Foods, Inc.  
Hancock Country Hams, Franklinville, North Carolina

**FIGURE 10**  
**CONCENTRATION OF BENZENE**  
**VERSUS TIME IN THE SOUTH WELL (SW)**



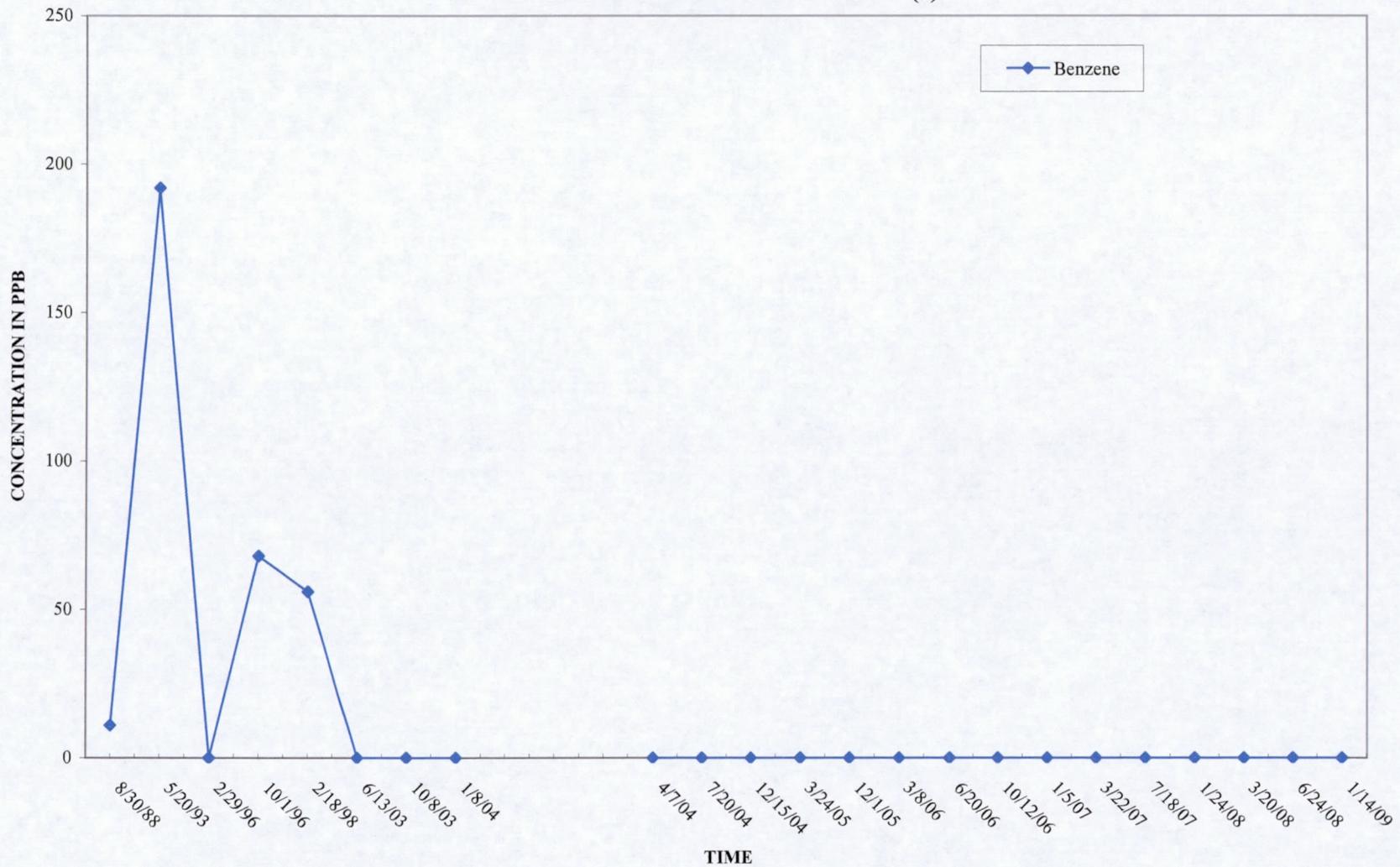
Ms. Ruth Debrito, Smithfield Foods, Inc.  
Hancock County Hams, Franklinville, North Carolina

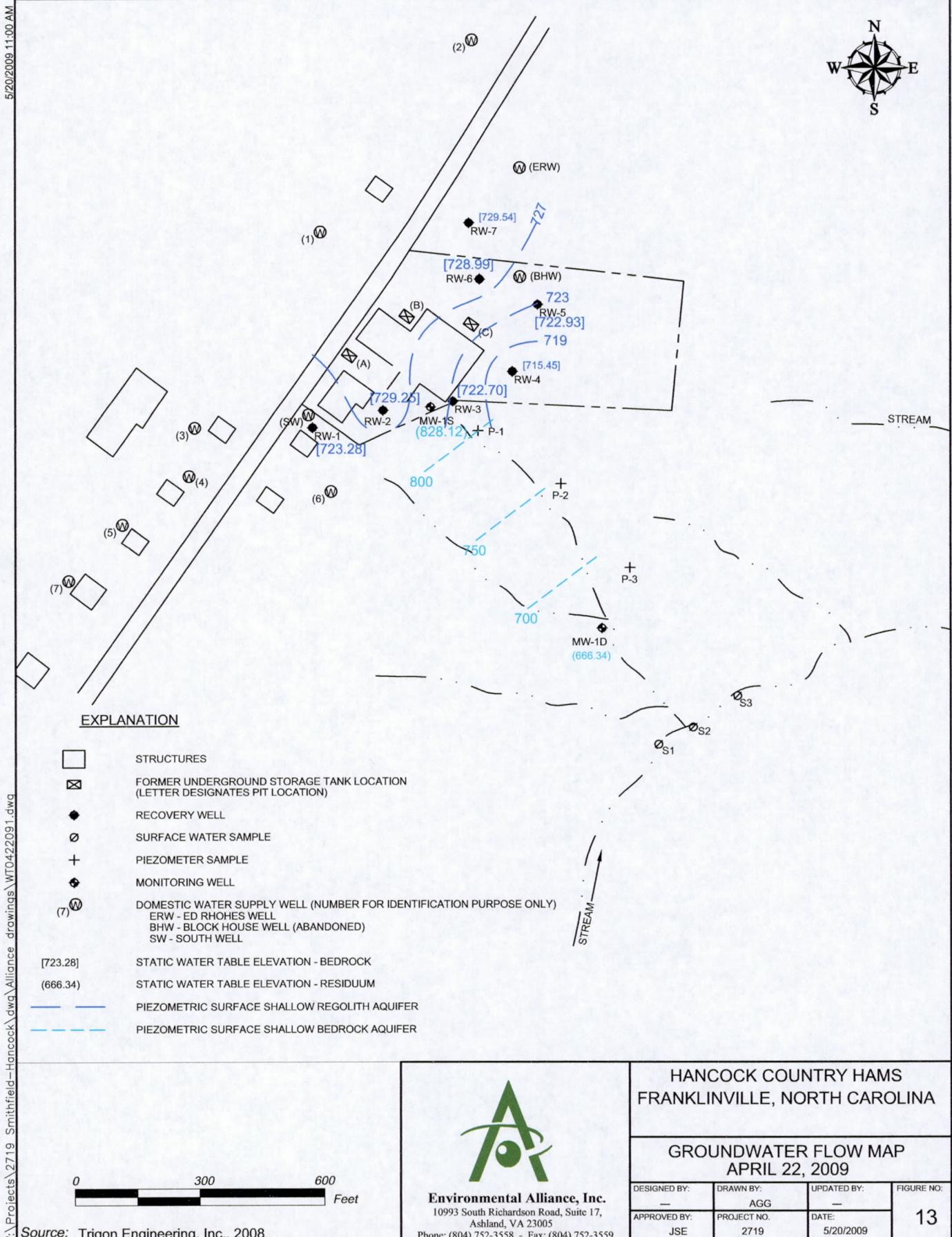
**FIGURE 11**  
**CONCENTRATION OF BENZENE**  
**VERSUS TIME IN THE ED RHODES WELL (ERW)**

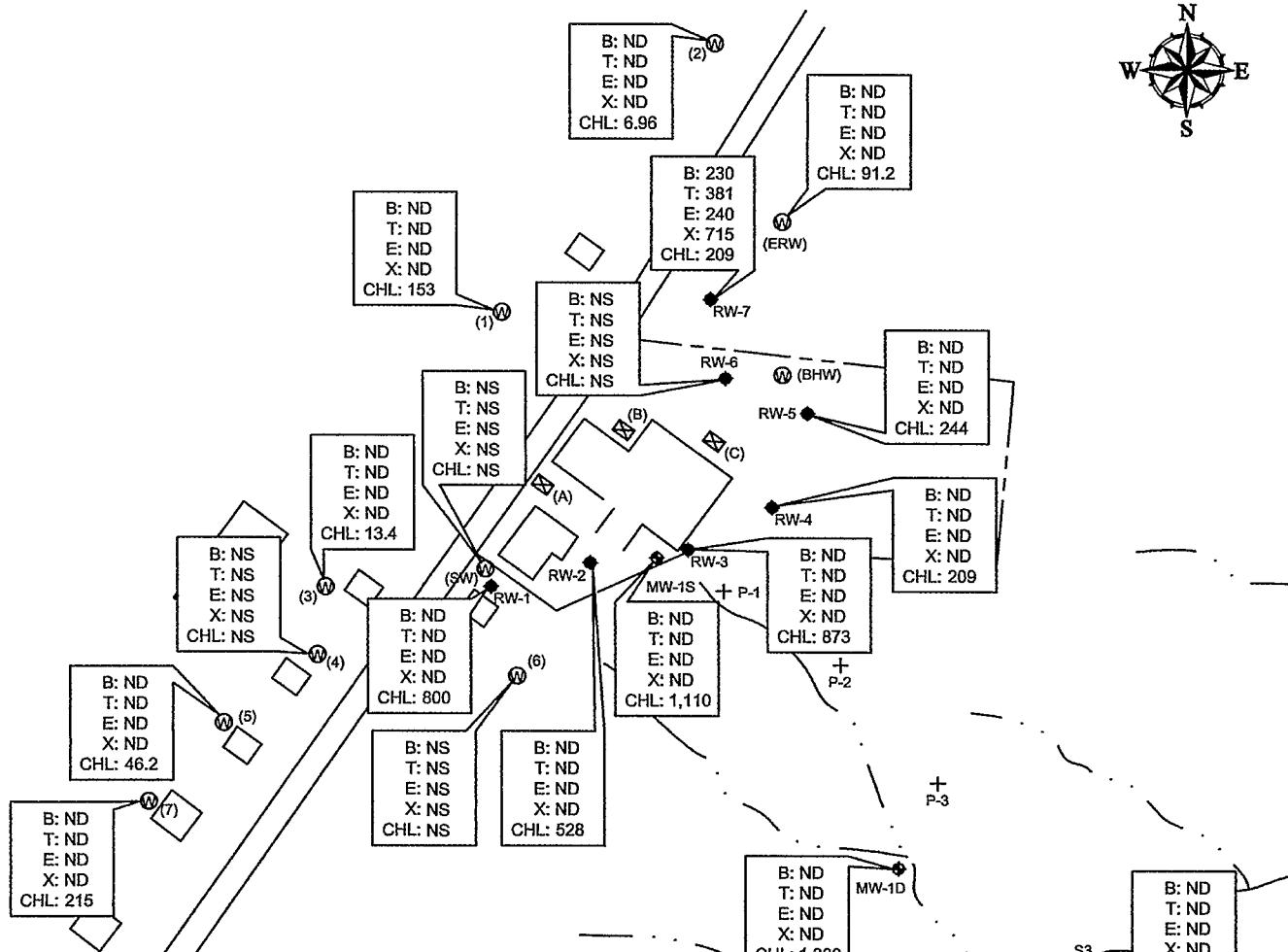


Ms. Ruth Debrito, Smithfield Foods, Inc.  
Hancock County Hams, Franklinville, North Carolina

**FIGURE 12**  
**CONCENTRATION OF BENZENE**  
**VERSUS TIME IN JACK HANCOCK WELL (6)**







0 300 600 Feet

Source: Trigon Engineering, Inc., 2008



**Environmental Alliance, Inc.**  
 10993 South Richardson Road, Suite 17,  
 Ashland, VA 23005  
 Phone: (804) 752-3558 - Fax: (804) 752-3559

HANCOCK COUNTRY HAMS  
 FRANKLINVILLE, NORTH CAROLINA

GROUNDWATER ANALYTICAL DATA  
 APRIL 2009

DESIGNED BY:	DRAWN BY:	UPDATED BY:	FIGURE NO:
—	AGG	—	
APPROVED BY: JSE	PROJECT NO. 2719	DATE: 5/20/2009	14

## APPENDIX A



## North Carolina Department of Environment and Natural Resources

Michael F. Easley, Governor

William G. Ross Jr., Secretary

March 16, 2004

CERTIFIED MAIL 7002 2410 0004 4233 3012  
RETURN RECEIPT REQUESTED

Norman B. Fisher  
Gwaltney of Smithfield, Ltd.  
P.O. Box 489  
Smithfield, VA 23431

Re: Notice of Regulatory Requirements 15A NCAC 2L .0115(f) Risk-Based Assessment and Corrective Action for Petroleum Underground Storage Tanks, Hancock Country Hams, 3484 NC Highway 22 North, Franklinville, Randolph County, NC, Incident 3700, High Risk Classification

Dear Mr. Fisher:

The UST Section of the Division of Waste Management, Winston-Salem Regional Office, has reviewed the Corrective Action Plan dated February 4, 2004 for the above-referenced incident. The UST Section staff agrees with the proposed plan and schedule with the following modifications:

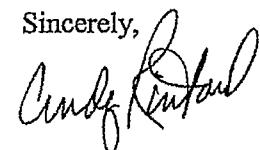
1. Water supply wells 1 through 7, SW, BHW, and ERW should also be sampled on a quarterly basis. (January, April, July, and October)
2. The monitoring reports should be submitted to the Winston-Salem Regional Office within thirty (30) days of the last day of the monitoring period.
3. Any revisions to the sampling schedule will be considered following the receipt and review of the findings from this monitoring activity.

Based on the recommendation of the UST Section staff, I hereby approve the plan and schedule. You should initiate this remedial action within thirty (30) days from the date of receipt of this notice. Please note that it is your responsibility to ensure that any waste generated during implementation of the plan is disposed of in accordance with all applicable county, state and federal laws.

Your prompt attention to the items described herein is required. Failure to comply with the State's rules in the manner and time specified may result in the assessment of civil penalties

If you have any questions regarding the actions that must be taken or the rules mentioned in this notice, please contact Stephen Williams at the letterhead address and/or at (336) 771-4600 extension 283.

Sincerely,



Cindy Rintoul  
Regional Supervisor

cc: Mike Walker, Randolph County Health Department  
WSRQ files  
✓John Stewart, Trigon Engineering Consultants

## APPENDIX B

May 08, 2009 3:03:03PM

Client:	Environmental Alliance, Inc (417771)	Work Order:	NSD2391
	10993 S. Richardson Road, Ste 17	Project Name:	Hancock Country Hams - Franklinville, NC
	Ashland, VA 23005	Project Nbr:	2719
Attn:	Jason S. Early	P/O Nbr:	
		Date Received:	04/25/09

SAMPLE IDENTIFICATION	LAB NUMBER	COLLECTION DATE AND TIME
RW10422091016	NSD2391-01	04/22/09 10:16
RW2042209	NSD2391-02	04/22/09 15:10
RW3042209	NSD2391-03	04/22/09 15:19
RW4042209	NSD2391-04	04/22/09 12:27
RW5042209	NSD2391-05	04/22/09 12:34
RW70422090950	NSD2391-06	04/22/09 09:50
S10421091320	NSD2391-07	04/21/09 13:20
S20421091328	NSD2391-08	04/21/09 13:28
S30421091335	NSD2391-09	04/21/09 13:35
MW1D0421091400	NSD2391-10	04/21/09 14:00
MW1S0421090840	NSD2391-11	04/22/09 08:40
Rhodes0422091530	NSD2391-12	04/22/09 15:30
Norman0422091208	NSD2391-13	04/22/09 12:08
Beal0422091155	NSD2391-14	04/22/09 11:55
Gibson0422091138	NSD2391-15	04/22/09 11:38
Jester0422091125	NSD2391-16	04/22/09 11:25
Brown0422091112	NSD2391-17	04/22/09 11:12
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SS1044.50421091540	NSD2391-19	04/21/09 15:40
SS2011.50421091600	NSD2391-20	04/21/09 16:00
SS2044.50421091630	NSD2391-21	04/21/09 16:30
SS03011.50421091640	NSD2391-22	04/21/09 16:40
SS03044.50421091700	NSD2391-23	04/21/09 17:00
SS04011.50421091720	NSD2391-24	04/21/09 17:20
SS04044.50421091800	NSD2391-25	04/21/09 18:00
Trip Blank	NSD2391-26	04/22/09 00:01

# TestAmerica

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2960 Foster Creighton Road Nashville, TN 37204 \* 800-765-0980 \* Fax 615-726-3404

Client	Environmental Alliance, Inc (417771) 10993 S. Richardson Road, Ste 17 Ashland, VA 23005	Work Order:	NSD2391
Attn	Jason S. Early	Project Name:	Hancock Country Hams - Franklinville, NC
		Project Number:	2719
	Trip Blank	Received:	04/25/09 07:30
		NSD2391-27	04/22/09 00:01

An executed copy of the chain of custody, the project quality control data, and the sample receipt form are also included as an addendum to this report. If you have any questions relating to this analytical report, please contact your Laboratory Project Manager at 1-800-765-0980. Any opinions, if expressed, are outside the scope of the Laboratory's accreditation.

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Additional Laboratory Comments:

Revised 8 May 2009: Updated project name per client request. This final report replaces the final report generated on 7 May 2009 at 14:45.

The Chain(s) of Custody, 4 pages, are included and are an integral part of this report.

These results relate only to the items tested. This report shall not be reproduced except in full and with permission of the laboratory.

All solids results are reported in wet weight unless specifically stated.

Estimated uncertainty is available upon request.

This report has been electronically signed.

Report Approved By:



Jennifer Gambill

Project Manager

Client	Environmental Alliance, Inc (417771) 10993 S. Richardson Road, Ste 17 Ashland, VA 23005	Work Order:	NSD2391
		Project Name:	Hancock Country Hams - Franklinville, NC
Attn	Jason S. Early	Project Number:	2719
		Received:	04/25/09 07:30

### ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
<b>Sample ID: NSD2391-01 (RW10422091016 - Water) Sampled: 04/22/09 10:16</b>								
General Chemistry Parameters								
Chloride	800		mg/L	100	100	05/06/09 00:07	EPA 300.0	9044728
Purgeable Aromatics by EPA Method 602								
Benzene	ND		ug/L	1.00	1	05/03/09 11:48	EPA 602	9050107
Chlorobenzene	ND		ug/L	1.00	1	05/03/09 11:48	EPA 602	9050107
1,2-Dichlorobenzene	ND		ug/L	1.00	1	05/03/09 11:48	EPA 602	9050107
1,4-Dichlorobenzene	ND		ug/L	1.00	1	05/03/09 11:48	EPA 602	9050107
1,3-Dichlorobenzene	ND		ug/L	1.00	1	05/03/09 11:48	EPA 602	9050107
Ethylbenzene	ND		ug/L	1.00	1	05/03/09 11:48	EPA 602	9050107
Toluene	ND		ug/L	1.00	1	05/03/09 11:48	EPA 602	9050107
o-Xylene	ND		ug/L	1.00	1	05/03/09 11:48	EPA 602	9050107
m,p-Xylene	ND		ug/L	2.00	1	05/03/09 11:48	EPA 602	9050107
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	05/03/09 11:48	EPA 602	9050107
Diisopropyl Ether	ND		ug/L	1.00	1	05/03/09 11:48	EPA 602	9050107
Surr: a,a,a-Trifluorotoluene (58-146%)	78 %					05/03/09 11:48	EPA 602	9050107
<b>Sample ID: NSD2391-02 (RW2042209 - Water) Sampled: 04/22/09 15:10</b>								
General Chemistry Parameters								
Chloride	528		mg/L	50.0	50	05/06/09 00:26	EPA 300.0	9044728
Purgeable Aromatics by EPA Method 602								
Benzene	ND		ug/L	1.00	1	05/03/09 12:17	EPA 602	9050107
Chlorobenzene	ND		ug/L	1.00	1	05/03/09 12:17	EPA 602	9050107
1,2-Dichlorobenzene	ND		ug/L	1.00	1	05/03/09 12:17	EPA 602	9050107
1,4-Dichlorobenzene	ND		ug/L	1.00	1	05/03/09 12:17	EPA 602	9050107
1,3-Dichlorobenzene	ND		ug/L	1.00	1	05/03/09 12:17	EPA 602	9050107
Ethylbenzene	ND		ug/L	1.00	1	05/03/09 12:17	EPA 602	9050107
Toluene	ND		ug/L	1.00	1	05/03/09 12:17	EPA 602	9050107
o-Xylene	ND		ug/L	1.00	1	05/03/09 12:17	EPA 602	9050107
m,p-Xylene	ND		ug/L	2.00	1	05/03/09 12:17	EPA 602	9050107
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	05/03/09 12:17	EPA 602	9050107
Diisopropyl Ether	ND		ug/L	1.00	1	05/03/09 12:17	EPA 602	9050107
Surr: a,a,a-Trifluorotoluene (58-146%)	77 %					05/03/09 12:17	EPA 602	9050107
<b>Sample ID: NSD2391-03 (RW3042209 - Water) Sampled: 04/22/09 15:19</b>								
General Chemistry Parameters								
Chloride	873		mg/L	100	100	05/06/09 00:44	EPA 300.0	9044728
Purgeable Aromatics by EPA Method 602								
Benzene	ND		ug/L	1.00	1	05/03/09 12:46	EPA 602	9050107
Chlorobenzene	ND		ug/L	1.00	1	05/03/09 12:46	EPA 602	9050107
1,2-Dichlorobenzene	ND		ug/L	1.00	1	05/03/09 12:46	EPA 602	9050107
1,4-Dichlorobenzene	ND		ug/L	1.00	1	05/03/09 12:46	EPA 602	9050107
1,3-Dichlorobenzene	ND		ug/L	1.00	1	05/03/09 12:46	EPA 602	9050107

Client	Environmental Alliance, Inc (417771) 10993 S. Richardson Road, Ste 17 Ashland, VA 23005	Work Order:	NSD2391
		Project Name:	Hancock Country Hams - Franklinville, NC
Attn	Jason S. Early	Project Number:	2719
		Received:	04/25/09 07:30

## ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
<b>Sample ID: NSD2391-03 (RW3042209 - Water) - cont. Sampled: 04/22/09 15:19</b>								
Purgeable Aromatics by EPA Method 602 - cont.								
Ethylbenzene	ND		ug/L	1.00	1	05/03/09 12:46	EPA 602	9050107
Toluene	ND		ug/L	1.00	1	05/03/09 12:46	EPA 602	9050107
o-Xylene	ND		ug/L	1.00	1	05/03/09 12:46	EPA 602	9050107
m,p-Xylene	ND		ug/L	2.00	1	05/03/09 12:46	EPA 602	9050107
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	05/03/09 12:46	EPA 602	9050107
Diisopropyl Ether	ND		ug/L	1.00	1	05/03/09 12:46	EPA 602	9050107
<i>Surr: a,a,a-Trifluorotoluene (58-146%)</i>	79 %					05/03/09 12:46	EPA 602	9050107
<b>Sample ID: NSD2391-04 (RW4042209 - Water) Sampled: 04/22/09 12:27</b>								
General Chemistry Parameters								
Chloride	209		mg/L	20.0	20	05/06/09 01:03	EPA 300.0	9044728
Purgeable Aromatics by EPA Method 602								
Benzene	ND		ug/L	1.00	1	05/03/09 13:15	EPA 602	9050107
Chlorobenzene	ND		ug/L	1.00	1	05/03/09 13:15	EPA 602	9050107
1,2-Dichlorobenzene	ND		ug/L	1.00	1	05/03/09 13:15	EPA 602	9050107
1,4-Dichlorobenzene	ND		ug/L	1.00	1	05/03/09 13:15	EPA 602	9050107
1,3-Dichlorobenzene	ND		ug/L	1.00	1	05/03/09 13:15	EPA 602	9050107
Ethylbenzene	ND		ug/L	1.00	1	05/03/09 13:15	EPA 602	9050107
Toluene	ND		ug/L	1.00	1	05/03/09 13:15	EPA 602	9050107
o-Xylene	ND		ug/L	1.00	1	05/03/09 13:15	EPA 602	9050107
m,p-Xylene	ND		ug/L	2.00	1	05/03/09 13:15	EPA 602	9050107
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	05/03/09 13:15	EPA 602	9050107
Diisopropyl Ether	ND		ug/L	1.00	1	05/03/09 13:15	EPA 602	9050107
<i>Surr: a,a,a-Trifluorotoluene (58-146%)</i>	77 %					05/03/09 13:15	EPA 602	9050107
<b>Sample ID: NSD2391-05 (RW5042209 - Water) Sampled: 04/22/09 12:34</b>								
General Chemistry Parameters								
Chloride	244		mg/L	50.0	50	05/06/09 12:05	EPA 300.0	9044728
Purgeable Aromatics by EPA Method 602								
Benzene	ND		ug/L	1.00	1	05/03/09 13:44	EPA 602	9050107
Chlorobenzene	ND		ug/L	1.00	1	05/03/09 13:44	EPA 602	9050107
1,2-Dichlorobenzene	ND		ug/L	1.00	1	05/03/09 13:44	EPA 602	9050107
1,4-Dichlorobenzene	ND		ug/L	1.00	1	05/03/09 13:44	EPA 602	9050107
1,3-Dichlorobenzene	ND		ug/L	1.00	1	05/03/09 13:44	EPA 602	9050107
Ethylbenzene	ND		ug/L	1.00	1	05/03/09 13:44	EPA 602	9050107
Toluene	ND		ug/L	1.00	1	05/03/09 13:44	EPA 602	9050107
o-Xylene	ND		ug/L	1.00	1	05/03/09 13:44	EPA 602	9050107
m,p-Xylene	ND		ug/L	2.00	1	05/03/09 13:44	EPA 602	9050107
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	05/03/09 13:44	EPA 602	9050107
Diisopropyl Ether	ND		ug/L	1.00	1	05/03/09 13:44	EPA 602	9050107
<i>Surr: a,a,a-Trifluorotoluene (58-146%)</i>	79 %					05/03/09 13:44	EPA 602	9050107

Client	Environmental Alliance, Inc (417771) 10993 S. Richardson Road, Ste 17 Ashland, VA 23005	Work Order:	NSD2391
		Project Name:	Hancock Country Hams - Franklinville, NC
Attn	Jason S. Early	Project Number:	2719
		Received:	04/25/09 07:30

## ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
<b>Sample ID: NSD2391-06 (RW70422090950 - Water) Sampled: 04/22/09 09:50</b>								
General Chemistry Parameters								
Chloride	209		mg/L	20.0	20	05/06/09 01:39	EPA 300.0	9044728
Purgeable Aromatics by EPA Method 602								
Benzene	230		ug/L	1.00	1	05/03/09 14:13	EPA 602	9050107
Chlorobenzene	ND		ug/L	1.00	1	05/03/09 14:13	EPA 602	9050107
1,2-Dichlorobenzene	ND		ug/L	1.00	1	05/03/09 14:13	EPA 602	9050107
1,4-Dichlorobenzene	ND		ug/L	1.00	1	05/03/09 14:13	EPA 602	9050107
1,3-Dichlorobenzene	ND		ug/L	1.00	1	05/03/09 14:13	EPA 602	9050107
Ethylbenzene	240		ug/L	1.00	1	05/03/09 14:13	EPA 602	9050107
Toluene	381		ug/L	2.00	2	05/05/09 20:04	EPA 602	9050398
o-Xylene	381		ug/L	2.00	2	05/05/09 20:04	EPA 602	9050398
m,p-Xylene	334		ug/L	4.00	2	05/05/09 20:04	EPA 602	9050398
Methyl tert-Butyl Ether	265		ug/L	1.00	1	05/03/09 14:13	EPA 602	9050107
Diisopropyl Ether	102		ug/L	1.00	1	05/03/09 14:13	EPA 602	9050107
Surr: a,a,a-Trifluorotoluene (58-146%)	105 %					05/03/09 14:13	EPA 602	9050107
Surr: a,a,a-Trifluorotoluene (58-146%)	93 %					05/05/09 20:04	EPA 602	9050398
<b>Sample ID: NSD2391-07 (S10421091320 - Water) Sampled: 04/21/09 13:20</b>								
General Chemistry Parameters								
Chloride	14.2		mg/L	2.00	2	05/06/09 01:58	EPA 300.0	9044728
Purgeable Aromatics by EPA Method 602								
Benzene	ND		ug/L	1.00	1	05/03/09 14:41	EPA 602	9050107
Chlorobenzene	ND		ug/L	1.00	1	05/03/09 14:41	EPA 602	9050107
1,2-Dichlorobenzene	ND		ug/L	1.00	1	05/03/09 14:41	EPA 602	9050107
1,4-Dichlorobenzene	ND		ug/L	1.00	1	05/03/09 14:41	EPA 602	9050107
1,3-Dichlorobenzene	ND		ug/L	1.00	1	05/03/09 14:41	EPA 602	9050107
Ethylbenzene	ND		ug/L	1.00	1	05/03/09 14:41	EPA 602	9050107
Toluene	ND		ug/L	1.00	1	05/03/09 14:41	EPA 602	9050107
o-Xylene	ND		ug/L	1.00	1	05/03/09 14:41	EPA 602	9050107
m,p-Xylene	ND		ug/L	2.00	1	05/03/09 14:41	EPA 602	9050107
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	05/03/09 14:41	EPA 602	9050107
Diisopropyl Ether	ND		ug/L	1.00	1	05/03/09 14:41	EPA 602	9050107
Surr: a,a,a-Trifluorotoluene (58-146%)	76 %					05/03/09 14:41	EPA 602	9050107
<b>Sample ID: NSD2391-08 (S20421091328 - Water) Sampled: 04/21/09 13:28</b>								
General Chemistry Parameters								
Chloride	17.5		mg/L	2.00	2	05/06/09 02:16	EPA 300.0	9044728
Purgeable Aromatics by EPA Method 602								
Benzene	ND		ug/L	1.00	1	05/03/09 15:10	EPA 602	9050107
Chlorobenzene	ND		ug/L	1.00	1	05/03/09 15:10	EPA 602	9050107
1,2-Dichlorobenzene	ND		ug/L	1.00	1	05/03/09 15:10	EPA 602	9050107
1,4-Dichlorobenzene	ND		ug/L	1.00	1	05/03/09 15:10	EPA 602	9050107

Client	Environmental Alliance, Inc (417771) 10993 S. Richardson Road, Ste 17 Ashland, VA 23005	Work Order:	NSD2391
		Project Name:	Hancock Country Hams - Franklinville, NC
Attn	Jason S. Early	Project Number:	2719
		Received:	04/25/09 07:30

## ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
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**Sample ID: NSD2391-08 (S20421091328 - Water) - cont. Sampled: 04/21/09 13:28**

Purgeable Aromatics by EPA Method 602 - cont.

1,3-Dichlorobenzene	ND	ug/L	1.00	1	05/03/09 15:10	EPA 602	9050107
Ethylbenzene	ND	ug/L	1.00	1	05/03/09 15:10	EPA 602	9050107
Toluene	ND	ug/L	1.00	1	05/03/09 15:10	EPA 602	9050107
o-Xylene	ND	ug/L	1.00	1	05/03/09 15:10	EPA 602	9050107
m,p-Xylene	ND	ug/L	2.00	1	05/03/09 15:10	EPA 602	9050107
Methyl tert-Butyl Ether	ND	ug/L	1.00	1	05/03/09 15:10	EPA 602	9050107
Diisopropyl Ether	ND	ug/L	1.00	1	05/03/09 15:10	EPA 602	9050107
<i>Surr: a,a,a-Trifluorotoluene (58-146%)</i>	74 %				05/03/09 15:10	EPA 602	9050107

**Sample ID: NSD2391-09 (S30421091335 - Water) Sampled: 04/21/09 13:35**

General Chemistry Parameters

Chloride	46.7	mg/L	5.00	5	05/06/09 02:35	EPA 300.0	9044728
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Purgeable Aromatics by EPA Method 602

Benzene	ND	ug/L	1.00	1	05/03/09 17:06	EPA 602	9050107
Chlorobenzene	ND	ug/L	1.00	1	05/03/09 17:06	EPA 602	9050107
1,2-Dichlorobenzene	ND	ug/L	1.00	1	05/03/09 17:06	EPA 602	9050107
1,4-Dichlorobenzene	ND	ug/L	1.00	1	05/03/09 17:06	EPA 602	9050107
1,3-Dichlorobenzene	ND	ug/L	1.00	1	05/03/09 17:06	EPA 602	9050107
Ethylbenzene	ND	ug/L	1.00	1	05/03/09 17:06	EPA 602	9050107
Toluene	ND	ug/L	1.00	1	05/03/09 17:06	EPA 602	9050107
o-Xylene	ND	ug/L	1.00	1	05/03/09 17:06	EPA 602	9050107
m,p-Xylene	ND	ug/L	2.00	1	05/03/09 17:06	EPA 602	9050107
Methyl tert-Butyl Ether	ND	ug/L	1.00	1	05/03/09 17:06	EPA 602	9050107
Diisopropyl Ether	ND	ug/L	1.00	1	05/03/09 17:06	EPA 602	9050107
<i>Surr: a,a,a-Trifluorotoluene (58-146%)</i>	75 %				05/03/09 17:06	EPA 602	9050107

**Sample ID: NSD2391-10 (MW1D0421091400 - Water) Sampled: 04/21/09 14:00**

General Chemistry Parameters

Chloride	1380	mg/L	200	200	05/06/09 11:28	EPA 300.0	9044728
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Purgeable Aromatics by EPA Method 602

Benzene	ND	ug/L	1.00	1	05/03/09 17:35	EPA 602	9050107
Chlorobenzene	ND	ug/L	1.00	1	05/03/09 17:35	EPA 602	9050107
1,2-Dichlorobenzene	ND	ug/L	1.00	1	05/03/09 17:35	EPA 602	9050107
1,4-Dichlorobenzene	ND	ug/L	1.00	1	05/03/09 17:35	EPA 602	9050107
1,3-Dichlorobenzene	ND	ug/L	1.00	1	05/03/09 17:35	EPA 602	9050107
Ethylbenzene	ND	ug/L	1.00	1	05/03/09 17:35	EPA 602	9050107
Toluene	ND	ug/L	1.00	1	05/03/09 17:35	EPA 602	9050107
o-Xylene	ND	ug/L	1.00	1	05/03/09 17:35	EPA 602	9050107
m,p-Xylene	ND	ug/L	2.00	1	05/03/09 17:35	EPA 602	9050107
Methyl tert-Butyl Ether	ND	ug/L	1.00	1	05/03/09 17:35	EPA 602	9050107
Diisopropyl Ether	ND	ug/L	1.00	1	05/03/09 17:35	EPA 602	9050107

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Client	Environmental Alliance, Inc (417771) 10993 S. Richardson Road, Ste 17 Ashland, VA 23005	Work Order:	NSD2391
		Project Name:	Hancock Country Hams - Franklinville, NC
Attn	Jason S. Early	Project Number:	2719
		Received:	04/25/09 07:30

## ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
<b>Sample ID: NSD2391-10 (MW1D0421091400 - Water) - cont. Sampled: 04/21/09 14:00</b>								
Purgeable Aromatics by EPA Method 602 - cont.								
Surr: <i>a,a,a-Trifluorotoluene (58-146%)</i>	75 %					05/03/09 17:35	EPA 602	9050107
<b>Sample ID: NSD2391-11 (MW1S0421090840 - Water) Sampled: 04/22/09 08:40</b>								
General Chemistry Parameters								
Chloride	1110		mg/L	100	100	05/06/09 04:07	EPA 300.0	9044728
Purgeable Aromatics by EPA Method 602								
Benzene	ND		ug/L	1.00	1	05/03/09 18:03	EPA 602	9050107
Chlorobenzene	ND		ug/L	1.00	1	05/03/09 18:03	EPA 602	9050107
1,2-Dichlorobenzene	ND		ug/L	1.00	1	05/03/09 18:03	EPA 602	9050107
1,4-Dichlorobenzene	ND		ug/L	1.00	1	05/03/09 18:03	EPA 602	9050107
1,3-Dichlorobenzene	ND		ug/L	1.00	1	05/03/09 18:03	EPA 602	9050107
Ethylbenzene	ND		ug/L	1.00	1	05/03/09 18:03	EPA 602	9050107
Toluene	ND		ug/L	1.00	1	05/03/09 18:03	EPA 602	9050107
<i>o</i> -Xylene	ND		ug/L	1.00	1	05/03/09 18:03	EPA 602	9050107
<i>m,p</i> -Xylene	ND		ug/L	2.00	1	05/03/09 18:03	EPA 602	9050107
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	05/03/09 18:03	EPA 602	9050107
Diisopropyl Ether	ND		ug/L	1.00	1	05/03/09 18:03	EPA 602	9050107
Surr: <i>a,a,a-Trifluorotoluene (58-146%)</i>	76 %					05/03/09 18:03	EPA 602	9050107
<b>Sample ID: NSD2391-12 (Rhodes0422091530 - Water) Sampled: 04/22/09 15:30</b>								
General Chemistry Parameters								
Chloride	91.2		mg/L	10.0	10	05/06/09 04:25	EPA 300.0	9044728
Purgeable Aromatics by EPA Method 602								
Benzene	ND		ug/L	1.00	1	05/03/09 18:32	EPA 602	9050107
Chlorobenzene	ND		ug/L	1.00	1	05/03/09 18:32	EPA 602	9050107
1,2-Dichlorobenzene	ND		ug/L	1.00	1	05/03/09 18:32	EPA 602	9050107
1,4-Dichlorobenzene	ND		ug/L	1.00	1	05/03/09 18:32	EPA 602	9050107
1,3-Dichlorobenzene	ND		ug/L	1.00	1	05/03/09 18:32	EPA 602	9050107
Ethylbenzene	ND		ug/L	1.00	1	05/03/09 18:32	EPA 602	9050107
Toluene	ND		ug/L	1.00	1	05/03/09 18:32	EPA 602	9050107
<i>o</i> -Xylene	ND		ug/L	1.00	1	05/03/09 18:32	EPA 602	9050107
<i>m,p</i> -Xylene	ND		ug/L	2.00	1	05/03/09 18:32	EPA 602	9050107
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	05/03/09 18:32	EPA 602	9050107
Diisopropyl Ether	ND		ug/L	1.00	1	05/03/09 18:32	EPA 602	9050107
Surr: <i>a,a,a-Trifluorotoluene (58-146%)</i>	75 %					05/03/09 18:32	EPA 602	9050107
<b>Sample ID: NSD2391-13 (Norman0422091208 - Water) Sampled: 04/22/09 12:08</b>								
General Chemistry Parameters								
Chloride	6.96		mg/L	1.00	1	05/02/09 04:04	EPA 300.0	9044728
Purgeable Aromatics by EPA Method 602								
Benzene	ND		ug/L	1.00	1	05/03/09 19:01	EPA 602	9050107

Client	Environmental Alliance, Inc (417771) 10993 S. Richardson Road, Ste 17 Ashland, VA 23005	Work Order:	NSD2391
		Project Name:	Hancock Country Hams - Franklinville, NC
Attn	Jason S. Early	Project Number:	2719
		Received:	04/25/09 07:30

## ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
<b>Sample ID: NSD2391-13 (Norman0422091208 - Water) - cont. Sampled: 04/22/09 12:08</b>								
Purgeable Aromatics by EPA Method 602 - cont.								
Chlorobenzene	ND		ug/L	1.00	1	05/03/09 19:01	EPA 602	9050107
1,2-Dichlorobenzene	ND		ug/L	1.00	1	05/03/09 19:01	EPA 602	9050107
1,4-Dichlorobenzene	ND		ug/L	1.00	1	05/03/09 19:01	EPA 602	9050107
1,3-Dichlorobenzene	ND		ug/L	1.00	1	05/03/09 19:01	EPA 602	9050107
Ethylbenzene	ND		ug/L	1.00	1	05/03/09 19:01	EPA 602	9050107
Toluene	ND		ug/L	1.00	1	05/03/09 19:01	EPA 602	9050107
o-Xylene	ND		ug/L	1.00	1	05/03/09 19:01	EPA 602	9050107
m,p-Xylene	ND		ug/L	2.00	1	05/03/09 19:01	EPA 602	9050107
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	05/03/09 19:01	EPA 602	9050107
Diisopropyl Ether	ND		ug/L	1.00	1	05/03/09 19:01	EPA 602	9050107
Surr: a,a,a-Trifluorotoluene (58-146%)	74 %					05/03/09 19:01	EPA 602	9050107
<b>Sample ID: NSD2391-14 (Beal0422091155 - Water) Sampled: 04/22/09 11:55</b>								
General Chemistry Parameters								
Chloride	153		mg/L	20.0	20	05/06/09 04:43	EPA 300.0	9044728
Purgeable Aromatics by EPA Method 602								
Benzene	ND		ug/L	1.00	1	05/03/09 19:30	EPA 602	9050107
Chlorobenzene	ND		ug/L	1.00	1	05/03/09 19:30	EPA 602	9050107
1,2-Dichlorobenzene	ND		ug/L	1.00	1	05/03/09 19:30	EPA 602	9050107
1,4-Dichlorobenzene	ND		ug/L	1.00	1	05/03/09 19:30	EPA 602	9050107
1,3-Dichlorobenzene	ND		ug/L	1.00	1	05/03/09 19:30	EPA 602	9050107
Ethylbenzene	ND		ug/L	1.00	1	05/03/09 19:30	EPA 602	9050107
Toluene	ND		ug/L	1.00	1	05/03/09 19:30	EPA 602	9050107
o-Xylene	ND		ug/L	1.00	1	05/03/09 19:30	EPA 602	9050107
m,p-Xylene	ND		ug/L	2.00	1	05/03/09 19:30	EPA 602	9050107
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	05/03/09 19:30	EPA 602	9050107
Diisopropyl Ether	ND		ug/L	1.00	1	05/03/09 19:30	EPA 602	9050107
Surr: a,a,a-Trifluorotoluene (58-146%)	73 %					05/03/09 19:30	EPA 602	9050107
<b>Sample ID: NSD2391-15 (Gibson0422091138 - Water) Sampled: 04/22/09 11:38</b>								
General Chemistry Parameters								
Chloride	13.4		mg/L	2.00	2	05/06/09 05:02	EPA 300.0	9044728
Purgeable Aromatics by EPA Method 602								
Benzene	ND		ug/L	1.00	1	05/03/09 19:59	EPA 602	9050107
Chlorobenzene	ND		ug/L	1.00	1	05/03/09 19:59	EPA 602	9050107
1,2-Dichlorobenzene	ND		ug/L	1.00	1	05/03/09 19:59	EPA 602	9050107
1,4-Dichlorobenzene	ND		ug/L	1.00	1	05/03/09 19:59	EPA 602	9050107
1,3-Dichlorobenzene	ND		ug/L	1.00	1	05/03/09 19:59	EPA 602	9050107
Ethylbenzene	ND		ug/L	1.00	1	05/03/09 19:59	EPA 602	9050107
Toluene	ND		ug/L	1.00	1	05/03/09 19:59	EPA 602	9050107
o-Xylene	ND		ug/L	1.00	1	05/03/09 19:59	EPA 602	9050107

Client	Environmental Alliance, Inc (417771) 10993 S. Richardson Road, Ste 17 Ashland, VA 23005	Work Order:	NSD2391
		Project Name:	Hancock County Hams - Franklinville, NC
Attn	Jason S. Early	Project Number:	2719
		Received:	04/25/09 07:30

## ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
<b>Sample ID: NSD2391-15 (Gibson0422091138 - Water) - cont. Sampled: 04/22/09 11:38</b>								
Purgeable Aromatics by EPA Method 602 - cont.								
m,p-Xylene	ND		ug/L	2.00	1	05/03/09 19:59	EPA 602	9050107
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	05/03/09 19:59	EPA 602	9050107
Diisopropyl Ether	ND		ug/L	1.00	1	05/03/09 19:59	EPA 602	9050107
<i>Surr: a,a,a-Trifluorotoluene (58-146%)</i>	74 %					05/03/09 19:59	EPA 602	9050107
<b>Sample ID: NSD2391-16 (Jester0422091125 - Water) Sampled: 04/22/09 11:25</b>								
General Chemistry Parameters								
Chloride	46.2		mg/L	5.00	5	05/06/09 05:20	EPA 300.0	9044728
Purgeable Aromatics by EPA Method 602								
Benzene	ND		ug/L	1.00	1	05/03/09 20:28	EPA 602	9050107
Chlorobenzene	ND		ug/L	1.00	1	05/03/09 20:28	EPA 602	9050107
1,2-Dichlorobenzene	ND		ug/L	1.00	1	05/03/09 20:28	EPA 602	9050107
1,4-Dichlorobenzene	ND		ug/L	1.00	1	05/03/09 20:28	EPA 602	9050107
1,3-Dichlorobenzene	ND		ug/L	1.00	1	05/03/09 20:28	EPA 602	9050107
Ethylbenzene	ND		ug/L	1.00	1	05/03/09 20:28	EPA 602	9050107
Toluene	ND		ug/L	1.00	1	05/03/09 20:28	EPA 602	9050107
o-Xylene	ND		ug/L	1.00	1	05/03/09 20:28	EPA 602	9050107
m,p-Xylene	ND		ug/L	2.00	1	05/03/09 20:28	EPA 602	9050107
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	05/03/09 20:28	EPA 602	9050107
Diisopropyl Ether	ND		ug/L	1.00	1	05/03/09 20:28	EPA 602	9050107
<i>Surr: a,a,a-Trifluorotoluene (58-146%)</i>	75 %					05/03/09 20:28	EPA 602	9050107
<b>Sample ID: NSD2391-17 (Brown0422091112 - Water) Sampled: 04/22/09 11:12</b>								
General Chemistry Parameters								
Chloride	215		mg/L	20.0	20	05/06/09 05:39	EPA 300.0	9044728
Purgeable Aromatics by EPA Method 602								
Benzene	ND		ug/L	1.00	1	05/03/09 20:57	EPA 602	9050107
Chlorobenzene	ND		ug/L	1.00	1	05/03/09 20:57	EPA 602	9050107
1,2-Dichlorobenzene	ND		ug/L	1.00	1	05/03/09 20:57	EPA 602	9050107
1,4-Dichlorobenzene	ND		ug/L	1.00	1	05/03/09 20:57	EPA 602	9050107
1,3-Dichlorobenzene	ND		ug/L	1.00	1	05/03/09 20:57	EPA 602	9050107
Ethylbenzene	ND		ug/L	1.00	1	05/03/09 20:57	EPA 602	9050107
Toluene	ND		ug/L	1.00	1	05/03/09 20:57	EPA 602	9050107
o-Xylene	ND		ug/L	1.00	1	05/03/09 20:57	EPA 602	9050107
m,p-Xylene	ND		ug/L	2.00	1	05/03/09 20:57	EPA 602	9050107
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	05/03/09 20:57	EPA 602	9050107
Diisopropyl Ether	ND		ug/L	1.00	1	05/03/09 20:57	EPA 602	9050107
<i>Surr: a,a,a-Trifluorotoluene (58-146%)</i>	74 %					05/03/09 20:57	EPA 602	9050107

Client	Environmental Alliance, Inc (417771) 10993 S. Richardson Road, Ste 17 Ashland, VA 23005	Work Order:	NSD2391
		Project Name:	Hancock Country Hams - Franklinville, NC
Attn	Jason S. Early	Project Number:	2719
		Received:	04/25/09 07:30

## ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
<b>Sample ID: NSD2391-18 (SS1011.50421091520 - Soil) Sampled: 04/21/09 15:20</b>								
General Chemistry Parameters								
Chloride	47.1		mg/kg	10.0	1	05/03/09 12:41	SW846 9056	9050207
<b>Sample ID: NSD2391-19 (SS1044.50421091540 - Soil) Sampled: 04/21/09 15:40</b>								
General Chemistry Parameters								
Chloride	211		mg/kg	20.0	2	05/05/09 12:00	SW846 9056	9050207
<b>Sample ID: NSD2391-20 (SS2011.50421091600 - Soil) Sampled: 04/21/09 16:00</b>								
General Chemistry Parameters								
Chloride	19.5		mg/kg	10.0	1	05/03/09 13:18	SW846 9056	9050207
<b>Sample ID: NSD2391-21 (SS2044.50421091630 - Soil) Sampled: 04/21/09 16:30</b>								
General Chemistry Parameters								
Chloride	32.7		mg/kg	10.0	1	05/03/09 13:37	SW846 9056	9050207
<b>Sample ID: NSD2391-22 (SS03011.50421091640 - Soil) Sampled: 04/21/09 16:40</b>								
General Chemistry Parameters								
Chloride	ND		mg/kg	10.0	1	05/03/09 13:55	SW846 9056	9050207
<b>Sample ID: NSD2391-23 (SS03044.50421091700 - Soil) Sampled: 04/21/09 17:00</b>								
General Chemistry Parameters								
Chloride	36.8		mg/kg	10.0	1	05/03/09 14:13	SW846 9056	9050207
<b>Sample ID: NSD2391-24 (SS04011.50421091720 - Soil) Sampled: 04/21/09 17:20</b>								
General Chemistry Parameters								
Chloride	ND		mg/kg	10.0	1	05/03/09 14:32	SW846 9056	9050207
<b>Sample ID: NSD2391-25 (SS04044.50421091800 - Soil) Sampled: 04/21/09 18:00</b>								
General Chemistry Parameters								
Chloride	19.4		mg/kg	10.0	1	05/03/09 14:50	SW846 9056	9050207
<b>Sample ID: NSD2391-26 (Trip Blank - Water) Sampled: 04/22/09 00:01</b>								
Purgeable Aromatics by EPA Method 602								
Benzene	ND		ug/L	1.00	1	05/03/09 10:51	EPA 602	9050107
Chlorobenzene	ND		ug/L	1.00	1	05/03/09 10:51	EPA 602	9050107
1,2-Dichlorobenzene	ND		ug/L	1.00	1	05/03/09 10:51	EPA 602	9050107
1,4-Dichlorobenzene	ND		ug/L	1.00	1	05/03/09 10:51	EPA 602	9050107
1,3-Dichlorobenzene	ND		ug/L	1.00	1	05/03/09 10:51	EPA 602	9050107
Ethylbenzene	ND		ug/L	1.00	1	05/03/09 10:51	EPA 602	9050107
Toluene	ND		ug/L	1.00	1	05/03/09 10:51	EPA 602	9050107
o-Xylene	ND		ug/L	1.00	1	05/03/09 10:51	EPA 602	9050107
m,p-Xylene	ND		ug/L	2.00	1	05/03/09 10:51	EPA 602	9050107
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	05/03/09 10:51	EPA 602	9050107

Client Environmental Alliance, Inc (417771)  
10993 S. Richardson Road, Ste 17  
Ashland, VA 23005

Attn Jason S. Early

Work Order: NSD2391  
Project Name: Hancock Country Hams - Franklinville, NC  
Project Number: 2719  
Received: 04/25/09 07:30

## ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
<b>Sample ID: NSD2391-26 (Trip Blank - Water) - cont. Sampled: 04/22/09 00:01</b>								
Purgeable Aromatics by EPA Method 602 - cont.								
Diisopropyl Ether	ND		ug/L	1.00	1	05/03/09 10:51	EPA 602	9050107
<i>Surr: a,a,a-Trifluorotoluene (58-146%)</i>	78 %					05/03/09 10:51	EPA 602	9050107
<b>Sample ID: NSD2391-27 (Trip Blank - Water) Sampled: 04/22/09 00:01</b>								
Purgeable Aromatics by EPA Method 602								
Benzene	ND		ug/L	1.00	1	05/03/09 11:20	EPA 602	9050107
Chlorobenzene	ND		ug/L	1.00	1	05/03/09 11:20	EPA 602	9050107
1,2-Dichlorobenzene	ND		ug/L	1.00	1	05/03/09 11:20	EPA 602	9050107
1,4-Dichlorobenzene	ND		ug/L	1.00	1	05/03/09 11:20	EPA 602	9050107
1,3-Dichlorobenzene	ND		ug/L	1.00	1	05/03/09 11:20	EPA 602	9050107
Ethylbenzene	ND		ug/L	1.00	1	05/03/09 11:20	EPA 602	9050107
Toluene	ND		ug/L	1.00	1	05/03/09 11:20	EPA 602	9050107
o-Xylene	ND		ug/L	1.00	1	05/03/09 11:20	EPA 602	9050107
m,p-Xylene	ND		ug/L	2.00	1	05/03/09 11:20	EPA 602	9050107
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	05/03/09 11:20	EPA 602	9050107
Diisopropyl Ether	ND		ug/L	1.00	1	05/03/09 11:20	EPA 602	9050107
<i>Surr: a,a,a-Trifluorotoluene (58-146%)</i>	79 %					05/03/09 11:20	EPA 602	9050107

Client	Environmental Alliance, Inc (417771) 10993 S. Richardson Road, Ste 17 Ashland, VA 23005	Work Order:	NSD2391
		Project Name:	Hancock Country Hams - Franklinville, NC
Attn	Jason S. Early	Project Number:	2719
		Received:	04/25/09 07:30

**PROJECT QUALITY CONTROL DATA**  
**Blank**

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
<b>General Chemistry Parameters</b>						
<b>9044728-BLK1</b>						
Chloride	<0.500		mg/L	9044728	9044728-BLK1	05/01/09 22:15
<b>9050207-BLK1</b>						
Chloride	<5.00		mg/kg	9050207	9050207-BLK1	05/03/09 12:05
<b>Purgeable Aromatics by EPA Method 602</b>						
<b>9050107-BLK1</b>						
Benzene	<0.500		ug/L	9050107	9050107-BLK1	05/02/09 15:53
Chlorobenzene	<0.100		ug/L	9050107	9050107-BLK1	05/02/09 15:53
1,2-Dichlorobenzene	<0.180		ug/L	9050107	9050107-BLK1	05/02/09 15:53
1,4-Dichlorobenzene	<0.400		ug/L	9050107	9050107-BLK1	05/02/09 15:53
1,3-Dichlorobenzene	<0.460		ug/L	9050107	9050107-BLK1	05/02/09 15:53
Ethylbenzene	<0.520		ug/L	9050107	9050107-BLK1	05/02/09 15:53
Toluene	<0.500		ug/L	9050107	9050107-BLK1	05/02/09 15:53
o-Xylene	<0.660		ug/L	9050107	9050107-BLK1	05/02/09 15:53
m,p-Xylene	<1.02		ug/L	9050107	9050107-BLK1	05/02/09 15:53
Methyl tert-Butyl Ether	<0.590		ug/L	9050107	9050107-BLK1	05/02/09 15:53
Diisopropyl Ether	<0.180		ug/L	9050107	9050107-BLK1	05/02/09 15:53
Surrogate: <i>a,a,a</i> -Trifluorotoluene	83%			9050107	9050107-BLK1	05/02/09 15:53
<b>9050107-BLK2</b>						
Benzene	<0.500		ug/L	9050107	9050107-BLK2	05/03/09 16:37
Chlorobenzene	<0.100		ug/L	9050107	9050107-BLK2	05/03/09 16:37
1,2-Dichlorobenzene	<0.180		ug/L	9050107	9050107-BLK2	05/03/09 16:37
1,4-Dichlorobenzene	<0.400		ug/L	9050107	9050107-BLK2	05/03/09 16:37
1,3-Dichlorobenzene	<0.460		ug/L	9050107	9050107-BLK2	05/03/09 16:37
Ethylbenzene	<0.520		ug/L	9050107	9050107-BLK2	05/03/09 16:37
Toluene	<0.500		ug/L	9050107	9050107-BLK2	05/03/09 16:37
o-Xylene	<0.660		ug/L	9050107	9050107-BLK2	05/03/09 16:37
m,p-Xylene	<1.02		ug/L	9050107	9050107-BLK2	05/03/09 16:37
Methyl tert-Butyl Ether	<0.590		ug/L	9050107	9050107-BLK2	05/03/09 16:37
Diisopropyl Ether	<0.180		ug/L	9050107	9050107-BLK2	05/03/09 16:37
Surrogate: <i>a,a,a</i> -Trifluorotoluene	79%			9050107	9050107-BLK2	05/03/09 16:37
<b>9050398-BLK1</b>						
Benzene	<0.500		ug/L	9050398	9050398-BLK1	05/05/09 19:35
Chlorobenzene	<0.100		ug/L	9050398	9050398-BLK1	05/05/09 19:35
1,2-Dichlorobenzene	<0.180		ug/L	9050398	9050398-BLK1	05/05/09 19:35
1,4-Dichlorobenzene	<0.400		ug/L	9050398	9050398-BLK1	05/05/09 19:35
1,3-Dichlorobenzene	<0.460		ug/L	9050398	9050398-BLK1	05/05/09 19:35
Ethylbenzene	<0.520		ug/L	9050398	9050398-BLK1	05/05/09 19:35

Client Environmental Alliance, Inc (417771)  
10993 S. Richardson Road, Ste 17  
Ashland, VA 23005

Attn Jason S. Early

Work Order: NSD2391  
Project Name: Hancock Country Hams - Franklinville, NC  
Project Number: 2719  
Received: 04/25/09 07:30

**PROJECT QUALITY CONTROL DATA**  
**Blank - Cont.**

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
<b>Purgeable Aromatics by EPA Method 602</b>						
<b>9050398-BLK1</b>						
Toluene	<0.500		ug/L	9050398	9050398-BLK1	05/05/09 19:35
o-Xylene	<0.660		ug/L	9050398	9050398-BLK1	05/05/09 19:35
m,p-Xylene	<1.02		ug/L	9050398	9050398-BLK1	05/05/09 19:35
Methyl tert-Butyl Ether	<0.590		ug/L	9050398	9050398-BLK1	05/05/09 19:35
Diisopropyl Ether	<0.180		ug/L	9050398	9050398-BLK1	05/05/09 19:35
Surrogate: <i>a,a,a</i> -Trifluorotoluene	81%			9050398	9050398-BLK1	05/05/09 19:35

# TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

2960 Foster Creighton Road Nashville, TN 37204 \* 800-765-0980 \* Fax 615-726-3404

Client	Environmental Alliance, Inc (417771) 10993 S. Richardson Road, Ste 17 Ashland, VA 23005	Work Order:	NSD2391
Attn	Jason S. Early	Project Name:	Hancock Country Hams - Franklinville, NC
		Project Number:	2719
		Received:	04/25/09 07:30

## PROJECT QUALITY CONTROL DATA Duplicate

Analyte	Orig. Val.	Duplicate	Q	Units	RPD	Limit	Batch	Sample Duplicated	% Rec.	Analyzed Date/Time
<b>General Chemistry Parameters</b>										
<b>9044728-DUP1</b>										
Chloride	1380	1450		mg/L	5	20	9044728	NSD2391-10		05/06/09 11:47
<b>9044728-DUP2</b>										
Chloride	215	216		mg/L	0.4	20	9044728	NSD2391-17		05/06/09 05:57
<b>9050207-DUP1</b>										
Chloride	5.19	ND		mg/kg		20	9050207	NSD2349-03		05/03/09 17:17

Client	Environmental Alliance, Inc (417771) 10993 S. Richardson Road, Ste 17 Ashland, VA 23005	Work Order:	NSD2391
		Project Name:	Hancock Country Hams - Franklinville, NC
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		Received:	04/25/09 07:30

**PROJECT QUALITY CONTROL DATA**  
**LCS**

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
<b>General Chemistry Parameters</b>								
<b>9044728-BS1</b>								
Chloride	3.00	3.00	MNR	mg/L	100%	90 - 110	9044728	05/01/09 22:33
<b>9050207-BS1</b>								
Chloride	30.0	27.9		mg/kg	93%	90 - 110	9050207	05/03/09 12:23
<b>Purgeable Aromatics by EPA Method 602</b>								
<b>9050107-BS1</b>								
Benzene	100	98.7		ug/L	99%	39 - 150	9050107	05/04/09 09:26
Chlorobenzene	100	96.5		ug/L	96%	55 - 135	9050107	05/04/09 09:26
1,2-Dichlorobenzene	100	98.4		ug/L	98%	37 - 150	9050107	05/04/09 09:26
1,4-Dichlorobenzene	100	95.6		ug/L	96%	42 - 143	9050107	05/04/09 09:26
1,3-Dichlorobenzene	100	96.1		ug/L	96%	50 - 141	9050107	05/04/09 09:26
Ethylbenzene	100	95.2		ug/L	95%	32 - 150	9050107	05/04/09 09:26
Toluene	100	97.4		ug/L	97%	46 - 148	9050107	05/04/09 09:26
o-Xylene	100	102		ug/L	102%	71 - 139	9050107	05/04/09 09:26
m,p-Xylene	200	200		ug/L	100%	70 - 136	9050107	05/04/09 09:26
Methyl tert-Butyl Ether	100	94.2		ug/L	94%	60 - 135	9050107	05/04/09 09:26
Diisopropyl Ether	100	95.8		ug/L	96%	76 - 127	9050107	05/04/09 09:26
<i>Surrogate: a,a,a-Trifluorotoluene</i>	30.0	24.5			82%	58 - 146	9050107	05/04/09 09:26
<b>9050107-BS2</b>								
Benzene	20.0	18.4		ug/L	92%	39 - 150	9050107	05/03/09 21:26
Chlorobenzene	20.0	18.2		ug/L	91%	55 - 135	9050107	05/03/09 21:26
1,2-Dichlorobenzene	20.0	18.2		ug/L	91%	37 - 150	9050107	05/03/09 21:26
1,4-Dichlorobenzene	20.0	17.9		ug/L	89%	42 - 143	9050107	05/03/09 21:26
1,3-Dichlorobenzene	20.0	17.3		ug/L	87%	50 - 141	9050107	05/03/09 21:26
Ethylbenzene	20.0	18.2		ug/L	91%	32 - 150	9050107	05/03/09 21:26
Toluene	20.0	18.1		ug/L	91%	46 - 148	9050107	05/03/09 21:26
o-Xylene	20.0	19.8		ug/L	99%	71 - 139	9050107	05/03/09 21:26
m,p-Xylene	40.0	41.7		ug/L	104%	70 - 136	9050107	05/03/09 21:26
Methyl tert-Butyl Ether	20.0	16.4		ug/L	82%	60 - 135	9050107	05/03/09 21:26
Diisopropyl Ether	20.0	17.9		ug/L	89%	76 - 127	9050107	05/03/09 21:26
<i>Surrogate: a,a,a-Trifluorotoluene</i>	30.0	22.6			75%	58 - 146	9050107	05/03/09 21:26
<b>9050398-BS1</b>								
Benzene	100	89.8		ug/L	90%	39 - 150	9050398	05/06/09 00:52
Chlorobenzene	100	87.2		ug/L	87%	55 - 135	9050398	05/06/09 00:52
1,2-Dichlorobenzene	100	89.1		ug/L	89%	37 - 150	9050398	05/06/09 00:52
1,4-Dichlorobenzene	100	87.3		ug/L	87%	42 - 143	9050398	05/06/09 00:52
1,3-Dichlorobenzene	100	88.0		ug/L	88%	50 - 141	9050398	05/06/09 00:52
Ethylbenzene	100	86.9		ug/L	87%	32 - 150	9050398	05/06/09 00:52

# TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

2960 Foster Creighton Road Nashville, TN 37204 \* 800-765-0980 \* Fax 615-726-3404

Client Environmental Alliance, Inc (417771)  
10993 S. Richardson Road, Ste 17  
Ashland, VA 23005

Attn Jason S. Early

Work Order: NSD2391  
Project Name: Hancock Country Hams - Franklinville, NC  
Project Number: 2719  
Received: 04/25/09 07:30

## PROJECT QUALITY CONTROL DATA LCS - Cont.

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
<b>Purgeable Aromatics by EPA Method 602</b>								
<b>9050398-BS1</b>								
Toluene	100	86.7		ug/L	87%	46 - 148	9050398	05/06/09 00:52
o-Xylene	100	91.7		ug/L	92%	71 - 139	9050398	05/06/09 00:52
m,p-Xylene	200	179		ug/L	89%	70 - 136	9050398	05/06/09 00:52
Methyl tert-Butyl Ether	100	86.5		ug/L	86%	60 - 135	9050398	05/06/09 00:52
Diisopropyl Ether	100	86.1		ug/L	86%	76 - 127	9050398	05/06/09 00:52
<i>Surrogate: a,a,a-Trifluorotoluene</i>	30.0	22.7			76%	58 - 146	9050398	05/06/09 00:52

Client Environmental Alliance, Inc (417771)  
10993 S. Richardson Road, Ste 17  
Ashland, VA 23005

Attn Jason S. Early

Work Order: NSD2391  
Project Name: Hancock Country Hams - Franklinville, NC  
Project Number: 2719  
Received: 04/25/09 07:30

**PROJECT QUALITY CONTROL DATA**  
**Matrix Spike**

Analyte	Orig. Val.	MS Val	Q	Units	Spike Conc	% Rec.	Target Range	Batch	Sample Spiked	Analyzed Date/Time
<b>General Chemistry Parameters</b>										
<b>9050207-MS1</b>										
Chloride										
	ND	32.9		mg/kg	30.0	110%	80 - 120	9050207	NSD2349-01	05/03/09 15:27
<b>Purgeable Aromatics by EPA Method 602</b>										
<b>9050107-MS1</b>										
Benzene	ND	16.6		ug/L	20.0	83%	39 - 150	9050107	NSD2391-01	05/04/09 21:43
Chlorobenzene	ND	16.2		ug/L	20.0	81%	55 - 135	9050107	NSD2391-01	05/04/09 21:43
1,2-Dichlorobenzene	ND	16.0		ug/L	20.0	80%	37 - 150	9050107	NSD2391-01	05/04/09 21:43
1,4-Dichlorobenzene	ND	16.1		ug/L	20.0	81%	42 - 143	9050107	NSD2391-01	05/04/09 21:43
1,3-Dichlorobenzene	ND	15.5		ug/L	20.0	78%	50 - 141	9050107	NSD2391-01	05/04/09 21:43
Ethylbenzene	ND	16.3		ug/L	20.0	81%	32 - 150	9050107	NSD2391-01	05/04/09 21:43
Toluene	ND	16.3		ug/L	20.0	82%	46 - 148	9050107	NSD2391-01	05/04/09 21:43
o-Xylene	ND	17.6		ug/L	20.0	88%	71 - 139	9050107	NSD2391-01	05/04/09 21:43
m,p-Xylene	ND	37.9		ug/L	40.0	95%	70 - 136	9050107	NSD2391-01	05/04/09 21:43
Methyl tert-Butyl Ether	ND	14.6		ug/L	20.0	73%	60 - 135	9050107	NSD2391-01	05/04/09 21:43
Diisopropyl Ether	ND	15.4		ug/L	20.0	77%	76 - 127	9050107	NSD2391-01	05/04/09 21:43
<i>Surrogate: a,a,a-Trimethylbenzene</i>		24.3		ug/L	30.0	81%	58 - 146	9050107	NSD2391-01	05/04/09 21:43
<b>9050107-MS2</b>										
Benzene	ND	14.3		ug/L	20.0	72%	39 - 150	9050107	NSD2391-09	05/04/09 22:12
Chlorobenzene	ND	14.0		ug/L	20.0	70%	55 - 135	9050107	NSD2391-09	05/04/09 22:12
1,2-Dichlorobenzene	ND	13.2		ug/L	20.0	66%	37 - 150	9050107	NSD2391-09	05/04/09 22:12
1,4-Dichlorobenzene	ND	13.4		ug/L	20.0	67%	42 - 143	9050107	NSD2391-09	05/04/09 22:12
1,3-Dichlorobenzene	ND	12.9		ug/L	20.0	64%	50 - 141	9050107	NSD2391-09	05/04/09 22:12
Ethylbenzene	ND	14.1		ug/L	20.0	70%	32 - 150	9050107	NSD2391-09	05/04/09 22:12
Toluene	ND	13.9		ug/L	20.0	69%	46 - 148	9050107	NSD2391-09	05/04/09 22:12
o-Xylene	ND	14.9		ug/L	20.0	74%	71 - 139	9050107	NSD2391-09	05/04/09 22:12
m,p-Xylene	ND	32.7		ug/L	40.0	82%	70 - 136	9050107	NSD2391-09	05/04/09 22:12
Methyl tert-Butyl Ether	ND	11.8	M2	ug/L	20.0	59%	60 - 135	9050107	NSD2391-09	05/04/09 22:12
Diisopropyl Ether	ND	12.9	M2	ug/L	20.0	65%	76 - 127	9050107	NSD2391-09	05/04/09 22:12
<i>Surrogate: a,a,a-Trimethylbenzene</i>		23.1		ug/L	30.0	77%	58 - 146	9050107	NSD2391-09	05/04/09 22:12

# TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

2960 Foster Creighton Road Nashville, TN 37204 \* 800-765-0980 \* Fax 615-726-3404

Client Environmental Alliance, Inc (417771)  
10993 S. Richardson Road, Ste 17  
Ashland, VA 23005

Attn Jason S. Early

Work Order: NSD2391  
Project Name: Hancock Country Hams - Franklinville, NC  
Project Number: 2719  
Received: 04/25/09 07:30

## PROJECT QUALITY CONTROL DATA

### Matrix Spike Dup

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD Limit	Batch	Sample Duplicated	Analyzed Date/Time
<b>General Chemistry Parameters</b>											
<b>9050207-MSD1</b>											
Chloride	ND	34.8		mg/kg	30.0	116%	80 - 120	6	20	9050207	NSD2349-01 05/03/09 16:22

Client	Environmental Alliance, Inc (417771) 10993 S. Richardson Road, Ste 17 Ashland, VA 23005	Work Order:	NSD2391
		Project Name:	Hancock Country Hams - Franklinville, NC
Attn	Jason S. Early	Project Number:	2719
		Received:	04/25/09 07:30

## CERTIFICATION SUMMARY

### TestAmerica Nashville

Method	Matrix	AIHA	Nelac	North Carolina
EPA 300.0	Water	N/A	X	X
EPA 602	Water	N/A	X	X
SW846 9056	Soil	N/A	X	X

---

Client	Environmental Alliance, Inc (417771) 10993 S. Richardson Road, Ste 17 Ashland, VA 23005	Work Order:	NSD2391
		Project Name:	Hancock Country Hams - Franklinville, NC
Attn	Jason S. Early	Project Number:	2719
		Received:	04/25/09 07:30

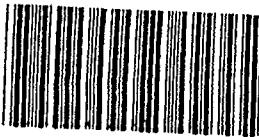
---

#### DATA QUALIFIERS AND DEFINITIONS

- M2      The MS and/or MSD were below the acceptance limits due to sample matrix interference. See Blank Spike (LCS).
- MNR     No results were reported for the MS/MSD. The sample used for the MS/MSD required dilution due to the sample matrix.  
Because of this, the spike compounds were diluted below the detection limit.
- ND      Not detected at the reporting limit (or method detection limit if shown)

#### METHOD MODIFICATION NOTES

## COOLER REC



Cooler Received/Opened On: 4/25/09 @7:30

NSD2391

1. Tracking # 0180 (last 4 digits, FedEx)

Courier: Fed-ex 95610068

2. Temperature of rep. sample or temp blank when opened: 27 Degrees Celsius

3. If Item #2 temperature is 0°C or less, was the representative sample or temp blank frozen? YES...NO...NA

4. Were custody seals on outside of cooler?

IF-5/1

YES...NO...NA

5. Were the seals intact, signed, and dated correctly?

YES...NO...NA

6. Were custody papers inside cooler?

YES...NO...NA

I certify that I opened the cooler and answered questions 1-6 (initial) \_\_\_\_\_

7. Were custody seals on containers: YES  and Intact YES...NO...NA

Were these signed and dated correctly? YES...NO...NA

8. Packing mat'l used? Bubblewrap Plastic bag Peanuts Vermiculite Foam Insert Paper Other None

9. Cooling process:  Ice Ice-pack Ice (direct contact) Dry ice Other None

10. Did all containers arrive in good condition (unbroken)? YES...NO...NA

11. Were all container labels complete (#, date, signed, pres., etc)? YES...NO...NA

12. Did all container labels and tags agree with custody papers? YES...NO...NA

13a. Were VOA vials received?

YES...NO...NA

b. Was there any observable headspace present in any VOA vial? YES...NO...NA

14. Was there a Trip Blank in this cooler? YES...NO...NA If multiple coolers, sequence # \_\_\_\_\_

I certify that I unloaded the cooler and answered questions 7-14 (initial) \_\_\_\_\_

15a. On pres'd bottles, did pH test strips suggest preservation reached the correct pH level? YES...NO...NA

b. Did the bottle labels indicate that the correct preservatives were used YES...NO...NA

If preservation in-house was needed, record standard ID of preservative used here \_\_\_\_\_

16. Was residual chlorine present? YES...NO...NA

I certify that I checked for chlorine and pH as per SOP and answered questions 15-16 (initial) \_\_\_\_\_

17. Were custody papers properly filled out (ink, signed, etc)? YES...NO...NA

18. Did you sign the custody papers in the appropriate place? YES...NO...NA

19. Were correct containers used for the analysis requested? YES...NO...NA

20. Was sufficient amount of sample sent in each container? YES...NO...NA

I certify that I entered this project into LIMS and answered questions 17-20 (initial) \_\_\_\_\_

I certify that I attached a label with the unique LIMS number to each container (initial) \_\_\_\_\_

21. Were there Non-Conformance issues at login? YES...NO Was a PIPE generated? YES...NO \_\_\_\_\_

# TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING  
Nashville, TN

## COOLER RECEIPT FORM

Cooler Received/Opened On 4/25/09 @ 7:30

1. Tracking # 0077 (last 4 digits, FedEx)

Courier: Fed-Ex IR Gun ID 94660220

2. Temperature of rep. sample or temp blank when opened: 1.2 Degrees Celsius

3. If item #2 temperature is 0°C or less, was the representative sample or temp blank frozen? YES...NO...NA

4. Were custody seals on outside of cooler?

If yes, how many and where: 1 FRONT

YES... NO... NA

5. Were the seals intact, signed, and dated correctly?

YES... NO... NA

6. Were custody papers inside cooler?

YES... NO... NA

I certify that I opened the cooler and answered questions 1-6 (initial) ADP

7. Were custody seals on containers:

YES  NO

and Intact

YES...NO...NA

Were these signed and dated correctly?

YES...NO...NA

8. Packing mat'l used? Bubble wrap Plastic bag Peanuts Vermiculite Foam Insert Paper Other None

9. Cooling process:

Ice  Ice-pack Ice (direct contact) Dry ice Other None

10. Did all containers arrive in good condition (unbroken)?

YES...NO...NA

11. Were all container labels complete (#, date, signed, pres., etc.)?

YES...NO...NA

12. Did all container labels and tags agree with custody papers?

YES...NO...NA

13a. Were VOA vials received?

YES...NO...NA

b. Was there any observable headspace present in any VOA vial?

14. Was there a Trip Blank in this cooler?  YES...NO...NA If multiple coolers, sequence # AA

I certify that I unloaded the cooler and answered questions 7-14 (initial)

15a. On pres'd bottles, did pH test strips suggest preservation reached the correct pH level? YES...NO...NA

b. Did the bottle labels indicate that the correct preservatives were used

YES...NO...NA

If preservation in-house was needed, record standard ID of preservative used here

16. Was residual chlorine present?

YES...NO...NA

I certify that I checked for chlorine and pH as per SOP and answered questions 15-16 (initial)

17. Were custody papers properly filled out (ink, signed, etc)?

YES...NO...NA

18. Did you sign the custody papers in the appropriate place?

YES...NO...NA

19. Were correct containers used for the analysis requested?

YES...NO...NA

20. Was sufficient amount of sample sent in each container?

YES...NO...NA

I certify that I entered this project into LIMS and answered questions 17-20 (initial)

I certify that I attached a label with the unique LIMS number to each container (initial)

21. Were there Non-Conformance issues at login? YES...NO... Was a PIPE generated? YES...NO...#



Nashville Division  
2900 Foster Creighton Drive \* Nashville TN 37204  
Phone: (800) 765-0980 / (615) 726-0177 Fax:(615) 726-3404

Page 1 of 3

Client: Environmental Alliance, Inc (417771)  
Address: 10993 S. Richardson Road, Ste 17  
City, State, Zip: Ashland VA 23005  
Client Invoice Contact: Jason S. Early  
Client Project Mgr: Jason S. Early  
Client Telephone#: (804) 752-3558 Fax: (804) 752-3559  
Sampler Name (Print) MATRICHARDSON  
SamplerSignature: [Signature]

TA Account #: 417771

PO #:

Invoice to: Environmental Alliance, Inc (417771)

Report to: Jason S. Early

NSD2391

05/11/09 23:59

Project Name: Franklinville

Facility ID: 2719

Site Address: Yes

City,State,Zip: North Carolina

RUSH/TAT (Pre Schedule):

Regulatory District (CA):

Sample ID	Date Sampled	Time Sampled	# Containers Shipped	Field Filtered	Composite	Grab	Preservative	Matrix			Analyze for			RUSH/TAT (Pre Schedule):	
								Groundwater	Drinking Water	Wastewater	Sludge	Soil	Chloride SW846 9056	Chloride by IC 300.0	602 aromatics/MTBE/PERC
01 RW10422091016	4/22/09	1016	4	X			(Black Label)	None	X	X	X	X	X	X	
02 RW2042209	4/22/09	1510	4	Y			(Red Label)	HNO3	X	X	X	X	X	X	
03 RW3042209	4/22/09	1519	4	Y			(Yellow Label)	Glass H2SO4							
04 RW4042209	4/22/09	1227	4	Y			(Yellow Label)	Plastic H2SO4							
05 RW5042209	4/22/09	1234	4	Y			(Orange Label)	NaOH							
06 RW6042209	4/22/09		4	Y			(Blue Label)	HCl	X	X	X	X	X	X	
07 RW70422090950	4/21/09	950	4	X											
08 S10421091320	4/21/09	1320	4	Y											
09 S20421091328	4/21/09	1328	4	Y											
S30421091335	4/21/09	1335	4	Y											

COMMENTS: All turn around times are calculated from the time of receipt at TestAmerica.

NOTES/SPECIAL INSTRUCTIONS: BO # 13470

\* Pre-Arrangements must be made AT LEAST 48 Hours in ADVANCE to receive results with RUSH turn around time commitments; additional charges may be assessed.

There may be a charge assessed for TestAmerica disposing of sample remainders.

Relinquished by: 	Date: 4/24/09	Time:	Received by:	Date:	Time:	Relinquished by:	Date:	Time:		
Shipped Via:	Shipped Via:				QC Deliverables (Please Circle One):					
Received for TestAmerica by: 	Date: 4/25	Time: 7:30	Temperature Upon Receipt:	Sample Containers Intact? Y N	VOCs Free of Headspace? Y N	Level 2	Level 3	Level 4	Site Specific	Date Due of Report:
(If site specific, please pre-schedule w/ TestAmerica Project Manager or attach specific instructions)										



Nashville Division  
2960 Foster Creighton Drive \* Nashville TN 37204  
Phone: (800) 765-0980 / (615) 726-0177 Fax:(615) 726-3404

Page 2 of 3

Client: Environmental Alliance, Inc (417771)  
Address: 10993 S. Richardson Road, Ste 17  
City, State, Zip: Ashland VA 23005  
Client Invoice Contact: Jason S. Early  
Client Project Mgr: Jason S. Early  
Client Telephone#: (804) 752-3558 Fax: (804) 752-3559  
Sampler Name (Print) MATJ Richardson  
SamplerSignature: 2/24/04

TA Account #: 417771 PO#:  
Invoice to: Environmental Alliance, Inc (417771)  
Report to: Jason S. Early  
Project Name: Franklinville  
Facility ID: 2719  
Site Address: Yes  
City,State,Zip: North Carolina

RUSH TAT ( Pre Schedule) \*

Sample ID	Date Sampled	Time Sampled	# Containers Shipped	Field Filtered	Composite	Grab	Preservative	Matrix	Analyze for									
									Groundwater	Drinking Water	Wastewater	Sludge	Soil	602 aromatics/MTBE/PE ( specify)	Other	Chloride SW846 9056 Chloride by IC 300.0	Chloride by IC 300.0	Chloride SW846 9056 Chloride by IC 300.0
10 MWID0421091400	4/21/04	1400	4	X					X	X	X	X	X					
11 MWIS0422090840	4/22/04	0840	4						X	X	X	X	X					
12 Rhodes0422091530	4/22/04	1530	4						X	X	X	X	X					
13 Norman0422091208	4/22/04	1208	4						X	X	X	X	X					
14 Beal0422091155	4/22/04	1155	4						S	S	S	S	S					
15 Gibson0422091138	4/22/04	1138	4						X	X	X	X	X					
16 LESTER0422091125	4/22/04	1125	4															
17 Brown0422091112	4/22/04	1112	4															

COMMENTS: All turn around times are calculated from the time of receipt at TestAmerica.

\* Pre-Arrangements must be made AT LEAST 48 Hours in ADVANCE to receive results with RUSH turn around time commitments; additional charges may be assessed.

There may be a charge assessed for TestAmerica disposing of sample remainders.

Relinquished by:	Date:	Time:	Received by:	Date:	Time:	Relinquished by:	Date:	Time:
Shipped Via:	Shipped Via:				QC Deliverables (Please Circle One):			Date Due of Report:
Received for TestAmerica by:	Date:	Time:	Temperature Upon Receipt:	Sample Containers Intact? Y N	Level 2	Level 3	Level 4	Site Specific
	4/25	7:30						
			VOCs Free of Headspace? Y N	(If site specific, please pre-schedule w/ TestAmerica Project Manager or attach specific instructions)				